

OCTOBER 1943

STOCK LIST

**STEEL
AND
MISCEL-
LANEOUS
ITEMS
FOR
IMMEDIATE
SHIPMENT**

**LONG DISTANCE
TELEPHONES**

**2-3141 2-3142
2-3143**



**CAROLINA
STEEL & IRON CO.
GREENSBORO, NORTH CAROLINA**

Digitized by



**ASSOCIATION
FOR
PRESERVATION
TECHNOLOGY,
INTERNATIONAL**
www.apti.org

**BUILDING
TECHNOLOGY
HERITAGE
LIBRARY**

<https://archive.org/details/buildingtechnologyheritagelibrary>

From the collection of:

Mike Jackson, FAIA

Carolina Steel & Iron Co.

GREENSBORO, NORTH CAROLINA

STEEL & MISCELLANEOUS ITEMS FOR IMMEDIATE SHIPMENT

INDEX

- A -	Page	- M -	Page
Angles, Structural	2-3	Machine Bolts	22-23
Angles, Bar Sizes	3	Majestic Coal Chutes	14-15
Ash Dumps, cast iron	16	Majestic Ash Dumps	16
- B -		- N -	
Bars—		Nuts	24
Flats	6-7	- O -	
Rounds	8	O. G. Washers	19
Beams—		- P -	
Wide Flange	4	Pipe	13
H	5	Plates—	
Standard	4	Diamond Pattern	11
Bolts—		Sheared	10-11
Dimensions	34	Universal Mill	10-11
Machine	22-23	- R -	
Blue Annealed Sheets	12	Reinforcing Bars	9
Basement Windows	29	Reinforcing Mesh	9
- C -		Rivets	26-27
Capacity—		Round Bars	8
Tanks	37	- S -	
Cast Iron Ventilators	17	Sash	29-31
Channels	5	Sheets—Blue Annealed	13
Cistern Rings and Covers	16	Square Bars	8
Circumferences and		- T -	
Areas of Circles	35-36	Tanks—	
Clean Out doors	17	Capacity	37
Coal Chutes, Majestic	14-15	Thresholds	17
Coal Hole Rings	16	Turnbuckles	12
Columns, H	5	- U -	
- D -		Universal Plates	10-11
Dampers, fireplace	16	Useful Information	39
Deformed Bars	9	- V -	
Diamond Pattern Plates	11	Ventilators, cast iron	17
- E -		- W -	
Expansion Shields	18	Washers—	
- F -		O. G.	19
Fireplace Dampers	16	Wrought	19
Flat Bars	6-7	Weights—	
Flue Cleanouts	17	Bars	32-33
- H -		Plates	34
H-Columns	5	Sheets	38
Hexagon Nuts	24	Welded Fabric	9
- I -		Windows	30-31
I Beams	4		
- L -			
Lag Screws	25		

Buy War Bonds



ANGLES—STRUCTURAL **Manufacturers' Standard Specifications**



Size in Inches	Weight Per Ft. Pounds	Net Extra for Size	Stock Length Feet
3 x2 x $\frac{1}{4}$	4.1	Base	40
3 x2 $\frac{1}{2}$ x $\frac{1}{4}$	4.5	Base	40
$\frac{5}{16}$	5.6	Base	40
3 x3 x $\frac{1}{4}$	4.9	Base	40
$\frac{5}{16}$	6.1	Base	40
$\frac{3}{8}$	7.2	Base	40
3 $\frac{1}{2}$ x2 $\frac{1}{2}$ x $\frac{1}{4}$	4.9	Base	40
3 $\frac{1}{2}$ x3 x $\frac{1}{4}$	5.4	Base	40
$\frac{5}{16}$	6.6	Base	40
$\frac{3}{8}$	7.9	Base	40
3 $\frac{1}{2}$ x3 $\frac{1}{2}$ x $\frac{1}{4}$	5.8	Base	40
$\frac{5}{16}$	7.2	Base	40
$\frac{3}{8}$	8.5	Base	40
4 x3 x $\frac{1}{4}$	5.8	.15	40
$\frac{5}{16}$	7.2	Base	40
$\frac{3}{8}$	8.5	Base	40
4 x3 $\frac{1}{2}$ x $\frac{1}{4}$	6.2	.15	40
$\frac{5}{16}$	7.7	Base	40
$\frac{3}{8}$	9.1	Base	40
4 x4 x $\frac{1}{4}$	6.6	.15	40
$\frac{5}{16}$	8.2	Base	40
$\frac{3}{8}$	9.8	Base	40
$\frac{1}{2}$	12.8	Base	40
5 x3 x $\frac{1}{4}$	6.6	.15	40
$\frac{5}{16}$	8.2	Base	40
$\frac{3}{8}$	9.8	Base	40
5 x3 $\frac{1}{2}$ x $\frac{1}{4}$	7.0	.15	40
$\frac{5}{16}$	8.7	Base	40
$\frac{3}{8}$	10.4	Base	40
$\frac{1}{2}$	13.6	Base	40
5 x5 x $\frac{3}{8}$	12.3	Base	60
6 x3 $\frac{1}{2}$ x $\frac{3}{8}$	11.7	Base	60
$\frac{1}{2}$	15.3	Base	60
6 x4 x $\frac{5}{16}$	10.3	.10	60
$\frac{3}{8}$	12.3	Base	60
$\frac{1}{2}$	16.2	Base	60
$\frac{7}{8}$	27.2	Base	30
6 x6 x $\frac{3}{8}$	14.9	Base	60
$\frac{1}{2}$	19.6	Base	60

Buy War Bonds



ANGLES—STRUCTURAL

Manufacturers' Standard Specifications



Size in Inches	Weight Per Ft. Pounds	Net Extra for Size	Stock Lengths Feet
7 x4 x $\frac{3}{8}$	13.6	.10	60
8 x4 x $\frac{3}{8}$	14.9	.10	60
8 x4 x $\frac{1}{2}$	19.6	.10	60
8 x6 x $\frac{1}{2}$	23.0	.10	60
$\frac{5}{8}$	28.5	.10	60
8 x8 x $\frac{1}{2}$	26.4	.10	60



ANGLES—BAR SIZES

Manufacturers' Standard Specifications



Size in Inches	Weight Per Foot Pounds	Net Extra For Size	Stock Length Feet
$\frac{3}{4}$ x $\frac{3}{4}$ x $\frac{1}{8}$	.59	.60	20
$\frac{7}{8}$ x $\frac{7}{8}$ x $\frac{1}{8}$	.70	.40	20
1 x1 x $\frac{1}{8}$	.80	.30	20
$\frac{3}{16}$	1.16	.25	20
1 $\frac{1}{4}$ x1 $\frac{1}{4}$ x $\frac{1}{8}$	1.01	.30	20
$\frac{3}{16}$	1.48	.25	20
$\frac{1}{4}$	1.92	.25	20
1 $\frac{1}{2}$ x1 $\frac{1}{2}$ x $\frac{1}{8}$	1.23	.25	20
$\frac{3}{16}$	1.80	.15	20
$\frac{1}{4}$	2.34	.15	20
2 x2 x $\frac{1}{8}$	1.65	.25	20
$\frac{3}{16}$	2.44	.15	40
$\frac{1}{4}$	3.19	.15	40
$\frac{5}{16}$	3.92	.15	40
$\frac{3}{8}$	4.70	.15	40
2 $\frac{1}{2}$ x2 x $\frac{3}{16}$	2.75	.15	40
$\frac{1}{4}$	3.62	.15	40
$\frac{5}{16}$	4.50	.15	40
$\frac{3}{8}$	5.30	.15	40
2 $\frac{1}{2}$ x2 $\frac{1}{2}$ x $\frac{1}{8}$	2.08	.25	40
$\frac{3}{16}$	3.07	.15	40
$\frac{1}{4}$	4.10	.15	40
$\frac{5}{16}$	5.00	.15	40
$\frac{3}{8}$	5.90	.15	40

Buy War Bonds



STRUCTURAL I BEAMS

Manufacturers' Standard Specifications



Size in Inches	Weight Per Foot Pounds	Web Thickness Inches	Flange Width Inches	Net Extra For Size	Stock Lengths Feet
3	5.7	0.170	2.330	Base	40
4	7.7	0.190	2.660	Base	40
5	10.0	0.210	3.000	Base	40
6	12.5	0.230	3.330	Base	60
7	15.3	0.250	3.660	Base	60
8	18.4	0.270	4.000	Base	60
10	25.4	0.310	4.660	Base	60
12	31.8	0.035	5.000	Base	60
15	42.9	0.410	5.500	Base	60
20	65.4	0.500	6.250	.10	70



WIDE FLANGE I BEAMS

Manufacturers' Standard Specifications



Size in Inches	Weight Per Foot Pounds	Web Thickness Inches	Flange Width Inches	Net Extra For Size	Stock Lengths Feet
8	17.0	.230	5.25	.05	60-70
10	21.0	.240	5.75	.05	60-70
12	25.0	.240	6.50	.05	60-70
14	30.0	.270	6.733	.05	60-70
16	36.0	.299	6.992	.05	60-70
18	47.0	.350	7.492	.15	60-70
18	50.0	.358	7.50	.15	60-70
21	59.0	.390	8.23	.15	60-70
24	74.0	.430	8.975	.15	80

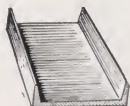
Buy War Bonds



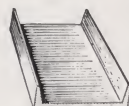
**STANDARD AND WIDE FLANGE
H COLUMNS**
Manufacturers' Standard Specifications



Size in Inches	Weight Per Foot Pounds	Web Thickness Inches	Flange Width Inches	Net Extra For Size	Stock Lengths Feet
4	7.5	0.170	3.95	.25	40
4	13.8	0.313	4.000	.10	60
5	18.9	0.313	5.000	.10	60
6	15.5	0.269	6.00	.15	60
6	20.0	0.250	6.00	.10	60-70
8	24.0	0.245	6.50	.10	60-70
8	31.0	0.288	8.00	.10	60-70
10	49.0	0.340	10.00	.10	70



STRUCTURAL CHANNELS
Manufacturers'
Standard Specifications



Depth in Inches	Weight Per Ft. Pounds	Web Thickness Inches	Flange Width Inches	Net Extra For Size	Stock Lengths Feet
3	4.1	0.170	1.410	Base	40
4	5.4	0.180	1.580	Base	40
5	6.7	0.190	1.750	Base	60
6	8.2	0.200	1.920	Base	60
7	9.8	0.210	2.090	Base	60
8	11.5	0.220	2.260	Base	60
9	13.4	0.230	2.430	Base	60
10	15.3	0.240	2.600	Base	60
12	20.7	0.280	2.940	Base	60-70
15	33.9	0.400	3.400	Base	60-70



BAR SIZE—CHANNELS
Manufacturers'
Standard Specifications



Size in Inches	Weight Per Ft. Pounds	Net Extra for Size	Stock Lengths Feet
$\frac{3}{4} \times \frac{3}{8} \times \frac{1}{8}$	.56	.60	20
$\frac{7}{8} \times \frac{3}{8} \times \frac{1}{8}$	.65	.60	20
$1 \times \frac{1}{2} \times \frac{1}{8}$	.83	.50	20
$1\frac{1}{4} \times \frac{1}{2} \times \frac{1}{8}$	1.01	.50	20
$1\frac{1}{2} \times \frac{1}{2} \times \frac{1}{8}$	1.12	.40	20
$2 \times \frac{3}{8} \times \frac{3}{8}$	1.90	.25	20
$2\frac{1}{2} \times \frac{3}{8} \times \frac{3}{8}$	2.27	.25	20

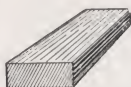
Buy War Bonds

FLAT BARS—MILD STEEL

**Manufacturers'
Standard Specifications**

Size in Inches	Weight Per Foot Pounds	Net Extra For Size	Stock Lengths Feet
$\frac{1}{4} \times \frac{3}{4}$	.638	.40	20
1	.850	.15	20
$1\frac{1}{4}$	1.06	.15	20
$1\frac{1}{2}$	1.28	.15	20
2	1.70	.15	20
$2\frac{1}{2}$	2.13	.15	20
3	2.55	.15	20
$3\frac{1}{2}$	2.98	.15	20
4	3.40	.15	20
5	4.25	.15	20
6	5.10	.15	20-30
$\frac{5}{16} \times 1$	1.06	.15	20
$1\frac{1}{4}$	1.33	.15	20
$1\frac{1}{2}$	1.59	.15	20
2	2.13	.15	20
$2\frac{1}{2}$	2.66	.15	20
3	3.19	.15	20
$3\frac{1}{2}$	3.72	.15	20
4	4.25	.15	20
6	6.38	.15	20
$\frac{3}{8} \times 1$	1.28	Base	20
$1\frac{1}{4}$	1.59	Base	20
$1\frac{1}{2}$	1.91	Base	20
2	2.55	Base	20
$2\frac{1}{2}$	3.19	Base	20
3	3.83	Base	20
$3\frac{1}{2}$	4.46	Base	20
4	5.10	Base	20
5	6.38	Base	20
6	7.65	Base	20
$\frac{1}{2} \times 1$	1.70	Base	20
$1\frac{1}{2}$	2.55	Base	20
2	3.40	Base	20
$2\frac{1}{2}$	4.25	Base	20
3	5.10	Base	20
$3\frac{1}{2}$	5.95	Base	20
4	6.80	Base	20
5	8.50	Base	20
6	10.20	Base	20
$\frac{5}{8} \times 1$	2.13	Base	20
2	4.25	Base	20
$2\frac{1}{2}$	5.31	Base	20
3	6.38	Base	20
4	8.50	Base	20
5	10.63	Base	20
6	12.75	Base	20

Buy War Bonds



FLAT BARS—MILD STEEL
Manufacturers'
Standard Specifications



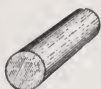
Size in Inches	Weight Per Foot Pounds	Net Extra For Size	Stock Length Feet
$\frac{3}{4} \times 1$	2.55	Base	20
2	5.10	Base	20
3	7.65	Base	20
$3\frac{1}{2}$	8.93	Base	20
4	10.20	Base	20
5	12.75	Base	20
6	15.20	Base	20
1 x 3	10.20	Base	20
$3\frac{1}{2}$	11.90	Base	20
4	13.60	Base	20
5	17.00	Base	20
6	20.40	Base	20

BANDS—MILD STEEL

Manufacturers' Standard Specifications

Size in Inches	Weight Per Foot Pounds	Net Extra For Size	Stock Length Feet
$\frac{1}{8} \times \frac{3}{4}$	.319	.60	20
1	.425	.40	20
$1\frac{1}{4}$	.531	.40	20
$1\frac{1}{2}$	.638	.35	20
2	.85	.35	20
$2\frac{1}{2}$	1.06	.30	20
3	1.28	.25	20
$3\frac{1}{2}$	1.49	.20	20
4	1.70	.20	20
$\frac{3}{16} \times \frac{3}{4}$	.478	.55	20
1	.638	.35	20
$1\frac{1}{4}$	.797	.35	20
$1\frac{1}{2}$	.956	.30	20
2	1.28	.30	20
3	1.91	.20	20
4	2.55	.15	20

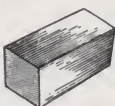
Buy War Bonds



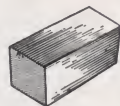
ROUND BARS—MILD STEEL
Manufacturers' Standard Specifications



Size in Inches	Weight Per Foot Pounds	Net Extra For Size	Stock Length Feet
$\frac{1}{4}$	0.167	1.00	20-25
$\frac{5}{16}$	0.261	.70	20
$\frac{3}{8}$	0.376	.40	20
$\frac{7}{16}$	0.511	.30	20
$\frac{1}{2}$	0.668	.20	20
$\frac{5}{8}$	1.043	.10	20-40
$\frac{3}{4}$	1.50	Base	20-40
$\frac{7}{8}$	2.04	Base	20-40
1	2.67	Base	20-40
$1\frac{1}{4}$	4.17	Base	20-40
$1\frac{1}{2}$	6.01	Base	20-40
$1\frac{3}{4}$	8.18	.10	20-40
2	10.68	.10	20
3	24.03	.20	20

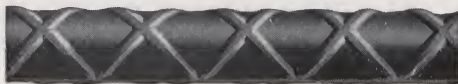


SQUARE BARS—MILD STEEL
Manufacturers' Standard Specifications



Size in inches	Weight Per Ft. Pounds	Net Extra for Size	Stock Length Feet
$\frac{3}{8}$	0.478	.40	20
$\frac{1}{2}$	0.85	.20	20
$\frac{5}{8}$	1.33	.10	20
$\frac{3}{4}$	1.91	Base	20
1	3.40	Base	20
$1\frac{1}{8}$	4.30	Base	20
$1\frac{1}{4}$	5.31	Base	20
$1\frac{1}{2}$	7.65	Base	20
2	13.60	.10	20
$2\frac{1}{2}$	21.25	.15	20

Buy War Bonds

DEFORMED REINFORCING BARS
ROUND—NEW BILLET
Manufacturers' Standard Specifications

Size in Inches	Weight Per Foot Pounds	Net Extra For Size	Stock Lengths Feet
$\frac{3}{8}$	.375	.40	40
$\frac{1}{2}$	.668	.20	40
$\frac{5}{8}$	1.043	.10	40
$\frac{3}{4}$	1.502	Base	60
$\frac{7}{8}$	2.044	Base	60
1	2.67	Base	60

**SQUARE—NEW BILLET**

Size in Inches	Weight Per Foot Pounds	Net Extra For Size	Stock Length Feet
$\frac{1}{2}$	.85	.20	40
1	3.40	Base	60
$1\frac{1}{8}$	4.303	Base	60
$1\frac{1}{4}$	5.313	Base	60

ELECTRIC WELDED FABRIC
For
BUILDINGS AND MISC. CONSTRUCTION

Size	Spacing		Gauge		Sect. Areas		Weigh per 100 sq. Feet
	L	T	L	T	L	T	
44-77	4	4	7	7	.074	.074	53
66-66	6	6	6	6	.058	.058	42
66-1010	6	6	10	10	.029	.029	21

Sizes Listed Carried in Stock. Other Sizes can be
Furnished Promptly from Mill Stock.

Buy War Bonds

STEEL PLATES—UNIVERSAL MILL
Manufacturers' Standard Specifications

Size in Inches	Weight Per Foot Pounds	Net Extra For Size	Stock Length Feet
$\frac{3}{16}$ x36	22.95	.20	30
48	30.60	.20	30
60	38.25	.20	30
72	45.90	.20	30
90	57.40	.40	30
$\frac{1}{4}$ x8	6.80	Base	40
10	8.50	Base	40
12	10.20	Base	40
16	13.60	Base	40
24	20.4	Base	40
30	25.5	Base	40
36	30.60	Base	30
48	40.80	Base	30
60	51.00	Base	30
72	61.20	Base	30
96	81.60	Base	30
$\frac{5}{16}$ x 8	8.50	Base	40
10	10.62	Base	40
12	12.75	Base	40
16	17.00	Base	40
24	25.5	Base	40
30	31.88	Base	40
36	38.25	Base	40
48	51.00	Base	30
60	63.75	Base	30
72	76.50	Base	30
96	102.00	Base	30
$\frac{3}{8}$ x 8	10.20	Base	40
10	12.75	Base	40
12	15.30	Base	40
14	17.85	Base	40
16	20.40	Base	40
30	38.25	Base	40
48	52.00	Base	30
60	65.50	Base	30
72	79.80	Base	30
96	122.40	Base	30
$\frac{1}{2}$ x 8	13.60	Base	40
10	17.00	Base	40
12	20.40	Base	40
14	23.80	Base	40
16	27.20	Base	40
48	81.60	Base	30
60	102.00	Base	30
$\frac{5}{8}$ x 8	17.00	Base	40
10	21.25	Base	40
12	25.50	Base	40
14	29.75	Base	40
16	34.00	Base	40
$\frac{3}{4}$ x 8	20.40	Base	40
10	25.50	Base	40
12	30.60	Base	40
14	35.70	Base	40
16	40.80	Base	40
48	122.40	Base	10
60	153.00	Base	10

Buy War Bonds

STEEL PLATES—UNIVERSAL MILL
Manufacturers' Standard Specifications

Size in Inches	Weight Per Foot Pounds	Net Extra For Size	Stock Length Feet
1 x 8	27.20	Base	40
10	34.00	Base	40
12	40.80	Base	40
16	54.40	Base	40
18	61.20	Base	40
1¼x14	59.50	Base	20
1½x14	71.40	Base	20
1½x16	81.60	Base	20
1½x18	91.80	Base	20
2 x16	108.80	Base	20
20	136.00	Base	20
24	163.20	Base	10
2½x24	204.00	.10	10
3 x24	244.80	.50	10
3½x24	285.60	.50	10
4 x24	326.40	.50	10
4½x24	367.20	.50	10
5 x24	408.00	.50	10

DIAMOND PATTERN PLATES
Manufacturers Standard Specifications



Size in Inches	Weight Per Square Foot Pounds	Net Extra For Size	Stock Length Feet
¾x36	8.70	.20	20
48	8.70	.20	20
60	8.70	.20	20
¼x36	11.25	Base	20
48	11.25	Base	20
60	11.25	Base	20
⅝x60	13.80	Base	20
⅜x60	16.35	Base	20
48	16.35	Base	20

Buy War Bonds

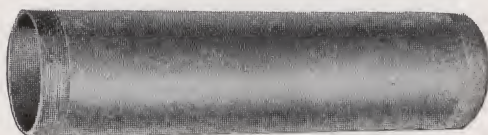
BLUE ANNEALED STEEL SHEETS
Manufacturers' Standard Specifications

Size in Inches	Estimated Weight Per Sheet	Net Extra For Size	Fractional Thickness Inches
No. 20x36x120	45	.80	$\frac{3}{8}$ o
No. 18x36x120	60	.60	$\frac{1}{2}$ o
No. 16x48x 96	80	.45	$\frac{1}{16}$
48x120	100	.45	$\frac{1}{16}$
48x144	120	.45	$\frac{1}{16}$
60x120	125	.50	$\frac{1}{16}$
60x144	150	.50	$\frac{1}{16}$
No. 14x48x 96	100	.20	$\frac{5}{64}$
48x120	125	.20	$\frac{5}{64}$
48x144	150	.20	$\frac{5}{64}$
60x120	157	.35	$\frac{5}{64}$
60x144	188	.35	$\frac{5}{64}$
No. 12x48x 96	140	.10	$\frac{7}{64}$
48x108	158	.10	$\frac{7}{64}$
48x120	175	.10	$\frac{7}{64}$
48x144	210	.10	$\frac{7}{64}$
60x120	219	.25	$\frac{7}{64}$
60x144	263	.25	$\frac{7}{64}$
No. 11x60x 96	200	.20	$\frac{1}{8}$
60x120	250	.20	$\frac{1}{8}$
No. 10x48x 96	180	Base	$\frac{9}{64}$
48x120	225	Base	$\frac{9}{64}$
48x144	270	Base	$\frac{9}{64}$
60x120	282	.15	$\frac{9}{64}$
60x144	338	.15	$\frac{9}{64}$

TURNBUCKLES

Size In.	List Price	Opg. In.	Length In.	Weight 100 pes.
$\frac{3}{8}$	.45	6	$7\frac{1}{8}$	42
$\frac{1}{2}$	.50	6	$7\frac{1}{2}$	76
$\frac{5}{8}$	.60	6	$7\frac{3}{8}$	110
$\frac{3}{4}$	.75	6	$8\frac{1}{8}$	153
$\frac{7}{8}$	.90	6	$8\frac{7}{8}$	231
1	1.10	6	$8\frac{3}{4}$	295
$1\frac{1}{8}$	1.40	6	$9\frac{1}{8}$	387
$1\frac{1}{4}$	1.70	6	$9\frac{1}{2}$	460
$1\frac{3}{8}$	2.10	6	$9\frac{7}{8}$	720
$1\frac{1}{2}$	2.50	6	$10\frac{1}{4}$	720
$1\frac{5}{8}$	3.25	6	$10\frac{1}{2}$	825
$1\frac{3}{4}$	4.00	6	11	825
$1\frac{7}{8}$	5.00	6	$11\frac{1}{4}$	995
2	6.25	6	$11\frac{1}{2}$	1094
$2\frac{1}{4}$	9.25	6	$12\frac{3}{4}$	2850
$2\frac{1}{2}$	13.00	6	$13\frac{1}{2}$	2700

STANDARD BLACK AND GALVANIZED PIPE



Full Standard Weight

All Weights and Dimensions are Nominal

Size	Diameters		Thick- ness	Theoretical Wt. per Foot		Thr'ds per Inch	Average Feet per Bdle.	Average Wt. per Bdle.	Average Stock Feet	
	Ex- ternal	In- ternal		Plain Ends	Thr'ds and Coup- lings				Black	Galv.
$\frac{1}{8}$	.405	.269	.068	.244	.245	27	500	123	Whse.	Whse.
$\frac{1}{4}$	.540	.364	.088	.424	.425	18	452	191	Whse.	Whse.
$\frac{3}{8}$	.675	.493	.091	.567	.568	18	345	196	Whse.	Whse.
$\frac{1}{2}$	.840	.622	.109	.850	.852	14	250	213	200	200
$\frac{3}{4}$	1.050	.824	.113	1.130	1.134	14	142	161	200	200
1	1.315	1.049	.133	1.678	1.684	11 $\frac{1}{2}$	105	177	400	400
1 $\frac{1}{4}$	1.660	1.380	.140	2.272	2.281	11 $\frac{1}{2}$	62	141	1800	1800
1 $\frac{1}{2}$	1.900	1.610	.145	2.717	2.731	11 $\frac{1}{2}$	62	169	8000	2000
2	2.375	2.067	.154	3.652	3.678	11 $\frac{1}{2}$	These Sizes Not Bundled		1500	800
2 $\frac{1}{2}$	2.875	2.469	.203	5.793	5.819	8			750	400
3	3.500	3.068	.216	7.575	7.616	8			200	100
3 $\frac{1}{2}$	4.000	3.548	.226	8.109	9.202	8			200	100
4	4.500	4.026	.237	10.790	10.889	8			300	100
5	5.563	5.047	.258	14.617	14.810	8			300	Whse.
6	6.625	6.065	.280	18.974	19.185	8			250	Whse.
8	8.625	8.071	.277	24.696	25.000	8			Whse.	Whse.
8	8.625	7.981	.322	28.554	28.809	8			Whse.	Whse.
10	10.750	10.192	2.79	31.201	32.000	8			Whse.	Whse.
10	10.750	10.136	.307	34.240	35.000	8			Whse.	Whse.
10	10.750	10.02.	.365	40.483	41.132	8			Whse.	Whse.
12	12.750	12.000	.330	43.773	45.000	8			Whse.	Whse.
12	12.750	12.090	.375	49.562	50.706	8			Whse.	Whse.

The permissible variation in weight is 5 per cent above and 5 per cent below.

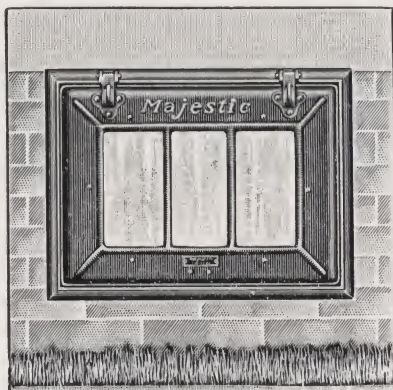
Furnished with threads and couplings and in random lengths, unless otherwise ordered.

All weights given in pounds. All dimensions given in inches.

For cut lengths, an extra charge will be made above random lengths.

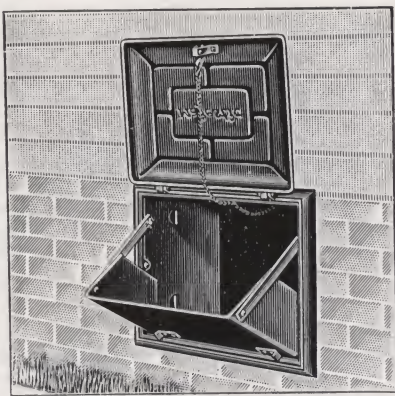
For pipe smoothed on the inside, known as reamed and drifted, an extra charge will be made above standard pipe.

For gavanized, or coated pipe, an extra charge will be made above black.

MAJESTIC COAL WINDOWS**Glass Panel Door Styles**

Number	Rough Wall Opening			Ship. Weight	List Price
	Wide	High	Deep		
M10A	23	17	12	62	\$16.00
M10C	23	17	12	51	14.50
M20A	32	22	17	117	28.30
M20C	32	22	17	99	25.50
M600	23	17	9	45	13.10
M620	32	22	12	82	23.00

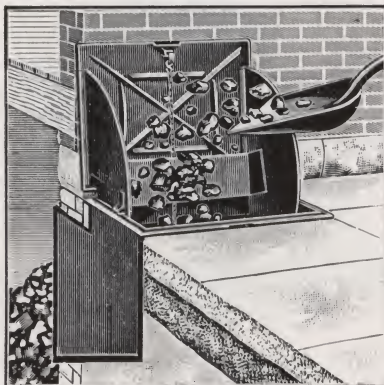
Style A is with hopper—Style C is without hopper

**Pressed Steel Door Styles**

Number	Rough Wall Opening			Ship. Weight	List Price
	Wide	High	Deep		
M101B	23	17	12	52	\$12.50
M203B	32	22	17	103	25.15
M500	23	17	9	37	9.45
M520	32	22	12	70	18.90
50	23	17	8	38	6.75
M550	23	17	8	28	4.95
M551	23	17	12	32	6.45

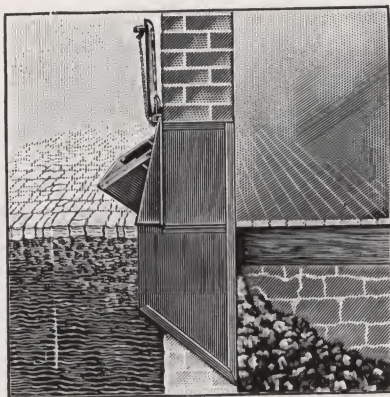
Style B is with hopper—Style D without hopper

MAJESTIC COAL WINDOWS



Grade Line Coal Chutes

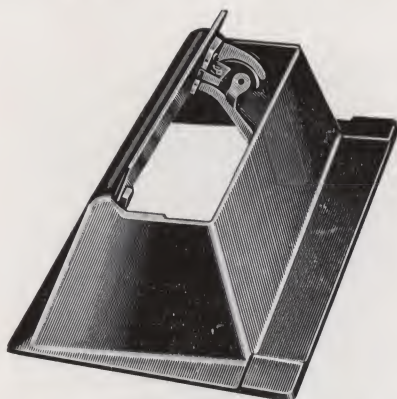
Number	Door Opening	Rough Wall Opening		Ship. Wt.	List Price
		Wide	High		
M16	23 $\frac{1}{4}$ x 18 $\frac{1}{4}$	25	25	135	\$36.40
M18	29 x 24	31	31	214	52.80



Store Coal Chutes

Number	Door Opening	Rough Wall Opening		Ship. Wt.	List Price
		Above Grade	Below Grade		
M12B	21 x 15	23 x 16 $\frac{3}{4}$	23 x 25	110	\$32.75
M15B	29 x 19 $\frac{1}{4}$	31 x 21 $\frac{1}{2}$	31 x 24 $\frac{1}{2}$	153	47.55

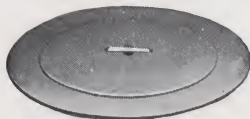
Style B is with hopper—Style D is without hopper

**Majestic Fireplace Dampers**

No.	Width Fireplace Finished Opening	Ship. Wt.	List Price
24-26	24 to 26 inches	47	\$ 6.85
28-30	28 to 30 inches	51	7.35
32-34	32 to 34 inches	58	7.90
36-38	36 to 38 inches	63	8.75
40-42	40 to 42 inches	67	9.45
44-46	44 to 46 inches	70	10.50
48-50	48 to 50 inches	78	13.85
52-54	52 to 54 inches	86	15.25
58-60	58 to 60 inches	99	16.80

**Majestic Fireplace Ash Dumps—Single Lid**

Number	Size		Ship. Wt. Doz.	List Price Each
	Floor Opg.	Inside		
6	6½ x 6½	6x6	45	\$0.60
8	8½ x 8½	8x8	60	.85
9	4½ x 7½	4x7	34	.45
10	5½ x 8½	5x8	43	.52

**Majestic Cistern Rings and Covers**

Inside Diameter	Outside Diameter	Weight Each Lbs.	List Price
18	24	46	\$5.80
20	26	54	6.40
22	29	67	8.15
24	31	82	9.60

**Majestic Flue Clean Outs**

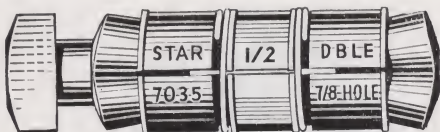
Number	Size	Ship. Wt. Each	List Price
88	8x8	4.5	\$0.93
812	12x8	9.5	1.22
1012	12x10	11	1.42
152	15x12	23	3.70
155	15x15	32	5.00
184	18x24	62	10.20

Cast Iron Ventilators

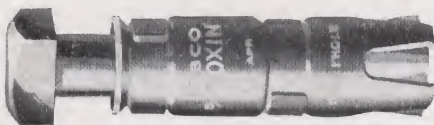
Size	Weight Pounds
9x12	5
9x16	7 1/2
12x18	10
12x24	18

STEEL THRESHOLDS**Rolled Steel**

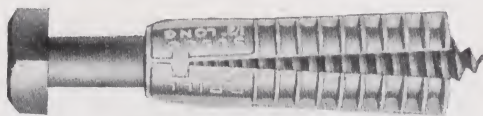
Width	Weight Per Ft.	Stock Length
4"	2.00	20
5 1/2"	2.60	20
7"	4.75	20

**"STAR" DOUBLE EXPANSION SHIELDS**

Diam. of Lag Screw with which Shield is Used	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Shipping Weight Per 100	List Price Per 100 (Without Lag Screws)	Average Stock
1/4	1 1/2"	1 5/8"	100	6 lbs.	\$15.00	Whse.
5/16	1 7/8"	1 5/8"	100	8 lbs.	18.00	Whse.
3/8	2 3/8"	3/4"	100	12 lbs.	25.00	100
7/16	2 1/2"	7/8"	100	20 lbs.	32.00	Whse.
1/2	2 1/2"	1"	50	22 lbs.	38.00	200
5/8	3"	1 1/8"	50	32 lbs.	45.00	150
3/4	4"	1 3/8"	25	64 lbs.	65.00	150
7/8	4 1/2"	1 1/2"	10	107 lbs.	95.00	Whse.
1"	4 7/8"	1 5/8"	10	140 lbs.	110.00	Whse.

**"LOXIN" EXPANSION SHIELDS**

Diam. of Lag Screw with which Shield is Used	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Shipping Weight Per 100	List Price Per 100 (Without Lag Screws)	Average Stock
1/4	1 1/4"	1 1/2"	100	3 1/2 lbs.	\$15.00	Whse.
5/16	2"	5/8"	100	8 lbs.	18.00	Whse.
3/8	2"	5/8"	100	8 lbs.	25.00	Whse.
7/16	2 1/2"	7/8"	50	18 lbs.	32.00	Whse.
1/2	2 1/2"	7/8"	50	18 lbs.	38.00	200
5/8	3"	1"	50	26 lbs.	45.00	200
3/4	3 1/2"	1 1/8"	25	37 lbs.	65.00	300

**"SEBCO" LAG SCREW EXPANSION SHIELD**

Diam. of Lag Screw with which Shield is Used	Length of Shield	Outside Diameter and Drill Required	Quantity in Standard Package	Shipping Weight Per 100	List Price Per 100 (Without Lag Screws)	Average Stock
3/16	1"	3/8"	100	2 1/2 lbs.	\$15.00	Whse.
1/4	1 1/2"	1/2"	100	5 1/2 lbs.	15.00	Whse.
5/16	2"	1/2"	100	7 1/2 lbs.	18.00	150
3/8	2 3/4"	5/8"	100	12 lbs.	25.00	Whse.
1/2	3 1/2"	3/4"	50	20 lbs.	38.00	100
*5/8	2"	7/8"	50	16 lbs.	45.00	100
5/8	3 1/2"	7/8"	50	25 1/2 lbs.	45.00	100
*3/4	2"	1"	25	20 lbs.	65.00	200
3/4	3 1/2"	1"	25	33 lbs.	65.00	100



WROUGHT WASHERS

Manufacturers' Standard List



Adopted January 20, 1910

U. S. STANDARD SIZES

IN 200 LB. KEGS

Diam.	Size of Hole	Thickness Wire Gauge	Size of Bolt	Price Per lb. Cents	Number in 100 Pounds
$\frac{9}{16}$	$\frac{1}{4}$	No. 18	$\frac{3}{16}$	\$14.00	39,400
$\frac{3}{4}$	$\frac{5}{16}$	No. 16	$\frac{1}{4}$	12.20	15,600
$\frac{7}{8}$	$\frac{3}{8}$	No. 16	$\frac{5}{16}$	11.40	11,250
1	$\frac{7}{16}$	No. 14	$\frac{3}{8}$	10.50	6,800
$1\frac{1}{4}$	$\frac{1}{2}$	No. 14	$\frac{7}{16}$	9.80	4,300
$1\frac{3}{8}$	$\frac{9}{16}$	No. 12	$\frac{1}{2}$	9.40	2,600
$1\frac{1}{2}$	$\frac{5}{8}$	No. 12	$\frac{9}{16}$	9.30	2,250
$1\frac{3}{4}$	$\frac{11}{16}$	No. 10	$\frac{5}{8}$	9.20	1,300
2	$\frac{13}{16}$	No. 9	$\frac{3}{4}$	9.10	900
$2\frac{1}{4}$	$\frac{15}{16}$	No. 8	$\frac{7}{8}$	9.00	782
$2\frac{1}{2}$	$1\frac{1}{8}$	No. 8	1	9.00	568
$2\frac{3}{4}$	$1\frac{1}{4}$	No. 8	$1\frac{1}{8}$	9.00	473
3	$1\frac{3}{8}$	No. 8	$1\frac{1}{4}$	9.20	364
$3\frac{1}{4}$	$1\frac{1}{2}$	No. 7	$1\frac{3}{8}$	9.20	275
$3\frac{1}{2}$	$1\frac{5}{8}$	No. 7	$1\frac{1}{2}$	9.20	256
$3\frac{3}{4}$	$1\frac{3}{4}$	No. 7	$1\frac{5}{8}$	9.50	220
4	$1\frac{7}{8}$	No. 7	$1\frac{3}{4}$	9.50	197
$4\frac{1}{4}$	2	No. 7	$1\frac{7}{8}$	9.50	174
$4\frac{1}{2}$	$2\frac{1}{8}$	No. 7	2	9.50	160
$4\frac{3}{4}$	$2\frac{3}{8}$	No. 5	$2\frac{1}{4}$	10.50	122
5	$2\frac{5}{8}$	No. 4	$2\frac{1}{2}$	10.50	106

For less than Keg Lots (200 lb.) of a size:—

Add \$0.10 cwt. for 100 pound kegs

Add .20 cwt. for 50 to 100 pound boxes

Add .30 cwt. for 25 to 50 pound boxes

Add .50 cwt. for 5 pound boxes

Add 1.00 cwt. for 1 pound boxes



STANDARD

O. G. CAST WASHERS



Bolt size	Approx. Weight	Average Stock
$\frac{1}{2}$ "	.50	100
$\frac{5}{8}$ "	.75	200
$\frac{3}{4}$ "	1.00	300
$\frac{7}{8}$ "	1.50	100
1 "	2.50	150
$1\frac{1}{4}$ "	6.00	100
$1\frac{1}{2}$ "	7.00	50
$1\frac{3}{4}$ "	13.00	50

« Carolina Steel &

GREENSBORO

•
Steel Doors

•
Steel
Windows

•
Toilet
Partitions

•
Chain Link
Fence

•
Subway
Grating

•
Hoists and
Trolleys

•
Wire Guards

•
Safety
Treads

•
Overhead
Doors

•
Kalamein
Doors



OFFICE A



DESIGNERS—FABR
STRUCTURAL AND MISC.

Iron Company »

ORO, N. C.



ND PLANT

CATORS—ERECTORS
ELLANEOUS STEEL WORK



•
Buildings

•
Bridges

•
Motor
Supports

•
Tanks

•
Smoke
Stacks and
Breechings

•
Plate Work

•
Fire Escapes

•
Special
Machinery

•
Stainless
Steel Work





MACHINE BOLTS Square Heads and Square Nuts. Finished Points



Size Inches	Weight 100 Bolts, Lbs.	List Price 100	No. Pieces Standard Container	Size Inches	Weight 100 Bolts, Lbs.	List Price 100	No. Pieces Standard Container
$\frac{1}{4} \times \frac{3}{4}$	2.9	1.10	4000*	$\frac{1}{8} \times 1$	11.	3.95	1000
1	3.	1.15	3200*	$1\frac{1}{4}$	12.	4.10	700
$1\frac{1}{4}$	3.3	1.25	3200*	$1\frac{1}{2}$	13.	4.25	1000
$1\frac{1}{2}$	3.6	1.30	3400*	2	15.	4.55	1000
$1\frac{3}{4}$	3.9	1.50	2600*	$2\frac{1}{2}$	17.	4.85	900
2	4.2	1.50	3000*	3	19.	5.20	1500
$2\frac{1}{4}$	4.5	1.70	2200	$3\frac{1}{2}$	21.	5.50	1200
$2\frac{1}{2}$	4.8	1.70	2700	4	23.	5.85	1200
$2\frac{3}{4}$	5.1	1.85	2000	$4\frac{1}{2}$	25.	6.15	1000
3	5.4	1.85	2400	5	27.	6.50	900
$3\frac{1}{2}$	6.	2.05	2000	$5\frac{1}{2}$	29.	6.85	600
4	6.6	2.50	2000	6	31.	7.15	800
$4\frac{1}{2}$	7.2	2.65	1600	$\frac{1}{2} \times \frac{3}{4}$	14.	4.60	1200*
5	7.8	2.80	1300	1	15.	4.60	1200*
$5\frac{1}{2}$	8.4	2.95	1200	$1\frac{1}{4}$	16.5	4.80	1200*
6	9.	3.10	1100	$1\frac{1}{2}$	18.	5.00	1200*
$\frac{5}{16} \times \frac{3}{4}$	3.7	1.70	2500	$1\frac{3}{4}$	19.5	5.35	800*
1	4.2	1.75	3000	2	21.	5.35	1000*
$1\frac{1}{4}$	5.7	1.80	2000	$2\frac{1}{4}$	22.5	5.75	600*
$1\frac{1}{2}$	6.2	1.95	2100*	$2\frac{1}{2}$	24.	5.75	1000*
$1\frac{3}{4}$	6.7	2.20	1600	$2\frac{3}{4}$	25.5	6.15	500
2	7.2	2.20	2000	3	26.	6.15	800*
$2\frac{1}{4}$	7.7	2.45	1500	$3\frac{1}{4}$	28.	6.50	500*
$2\frac{1}{2}$	8.2	2.45	2400	$3\frac{1}{2}$	29.	6.50	800*
$2\frac{3}{4}$	8.7	2.70	1200	4	31.	6.85	600*
3	9.1	2.70	2400	$4\frac{1}{2}$	34.	7.25	600*
$3\frac{1}{2}$	10.1	2.95	1800	5	37.	7.65	600*
4	11.	3.15	1400	$5\frac{1}{2}$	39.	8.05	500
$4\frac{1}{2}$	12.	3.60	1300	6	42.	8.45	600*
5	12.9	3.80	1000	$6\frac{1}{2}$	44.	10.15	400
$5\frac{1}{2}$	12.9	4.00	800	7	47.	10.60	400*
6	14.8	4.20	600	$7\frac{1}{2}$	50.	11.05	250*
$\frac{3}{8} \times \frac{3}{4}$	6.7	2.25	2000*	8	52.	11.50	350*
1	7.4	2.35	2800*	$8\frac{1}{2}$	54.	11.95	200*
$1\frac{1}{4}$	8.1	2.45	2000*	9	57.	12.40	300*
$1\frac{1}{2}$	8.8	2.60	2400*	$9\frac{1}{2}$	60.	12.85	200*
$1\frac{3}{4}$	9.5	2.90	1500	10	63.	13.30	300*
2	10.2	2.90	2000	11	68.	14.70	200*
$2\frac{1}{4}$	10.9	3.20	1100	12	73.	15.60	200*
$2\frac{1}{2}$	11.6	3.20	1800	13	78.	16.50	200
$2\frac{3}{4}$	12.3	3.50	1100	14	83.	17.40	200
3	13.	3.50	1500	15	89.	18.30	200
$3\frac{1}{4}$	13.7	3.80	800	16	94.	19.20	200
$3\frac{1}{2}$	14.4	3.80	1200	17	99.	20.10	200
4	15.8	4.10	1200	18	104.	21.00	200
$4\frac{1}{2}$	17.2	4.40	1000	20	115.	22.80	200
5	18.6	4.80	900				
$5\frac{1}{2}$	20.	5.10	600	$\frac{5}{8} \times 1$	29.	8.10	850
6	21.4	5.40	800	$1\frac{1}{4}$	31.	8.35	800*
$6\frac{1}{2}$	22.8	6.50	500	$1\frac{1}{2}$	33.	8.60	800*
7	24.2	6.85	600	$1\frac{3}{4}$	35.	9.10	700
$7\frac{1}{2}$	25.6	7.15	400	2	37.	9.10	600*
8	27.	7.50	600	$2\frac{1}{4}$	39.	9.60	600*
$8\frac{1}{2}$	28.4	7.80	400	$2\frac{1}{2}$	41.	9.60	600*
9	29.8	8.15	500	$2\frac{3}{4}$	43.	10.10	500
10	32.6	8.80	500	3	45.	10.10	500*
12	38.2	10.20	300	$3\frac{1}{4}$	47.	10.60	450

* Denotes sizes in stock. Other sizes can be furnished promptly from our Factory connections



MACHINE BOLTS
Square Heads and Square Nuts.
Finished Points.



Size Inches	Weight 100 Bolts, Lbs.	List Price 100	No. Pieces Standard Container	Size Inches	Weight 100 Bolts, Lbs.	List Price 100	No. Pieces Standard Container
$\frac{5}{8} \times 3\frac{1}{2}$	49.	10.60	400*	$\frac{3}{4} \times 16$	226.	29.80	100*
4	53.	11.10	400*	17	238.	31.10	100*
$4\frac{1}{2}$	57.	11.60	300*	18	250.	32.40	100*
5	61.	12.10	300*	19	262.	33.70	100
$5\frac{1}{2}$	65.	12.60	275*	20	274.	35.00	100
6	69.	13.10	250*	21	286.	36.30	100
$6\frac{1}{2}$	73.	13.60	250*	22	298.	37.60	100
7	77.	14.10	225*	23	310.	38.90	100
$7\frac{1}{2}$	81.	14.60	225*	24	322.	40.20	100
8	85.	15.10	200*	26	346.	42.80	100
$8\frac{1}{2}$	89.	15.60	200*	28	370.	45.40	100
9	93.	16.10	175*	30	394.	48.00	100
$9\frac{1}{2}$	97.	16.60	175*	$\frac{7}{8} \times 1\frac{1}{2}$	78.	16.70	300
10	101.	17.10	150*	$1\frac{3}{4}$	82.	17.60	300
11	109.	18.10	150*	2	86.	17.60	275
12	118.	19.10	125*	$2\frac{1}{4}$	90.	18.50	250
13	126.	20.10	125	$2\frac{1}{2}$	94.	18.50	225
14	134.	21.10	100	$2\frac{3}{4}$	98.	19.40	210
15	142.	22.10	100	3	103.	19.40	200
16	150.	23.10	100	$3\frac{1}{4}$	107.	20.30	190*
17	158.	24.10	100	$3\frac{1}{2}$	111.	20.30	190
18	166.	25.10	100	$3\frac{3}{4}$	115.	21.20	150
19	175.	26.10	100	4	119.	21.20	150*
20	183.	27.10	100	$4\frac{1}{2}$	128.	22.10	150*
22	199.	29.10	100	5	136.	23.00	150*
24	215.	31.10	100	$5\frac{1}{2}$	144.	23.90	130*
$\frac{3}{4} \times 1\frac{1}{4}$	49.	10.95	500*	6	152.	24.80	130*
$1\frac{1}{2}$	52.	10.95	475*	7	169.	26.60	110*
$1\frac{3}{4}$	55.	11.60	450*	8	186.	28.40	100
2	58.	11.60	425*	9	200.	30.20	100*
$2\frac{1}{4}$	61.	12.25	400*	10	217.	32.00	90
$2\frac{1}{2}$	64.	12.25	375*	11	233.	33.80	75*
$2\frac{3}{4}$	67.	12.90	350*	12	250.	35.00	75*
3	70.	12.90	325*	14	283.	39.20	50
$3\frac{1}{4}$	73.	13.55	300*	16	316.	42.80	50
$3\frac{1}{2}$	76.	13.55	275*	18	350.	46.40	50
$3\frac{3}{4}$	79.	14.20	275*	20	383.	50.00	50
4	82.	14.20	275*	1x2	125.	24.40	200
$4\frac{1}{2}$	88.	14.85	225*	$2\frac{1}{4}$	130.	25.55	180
5	94.	15.50	200*	$2\frac{1}{2}$	136.	25.55	180
$5\frac{1}{2}$	100.	16.15	200*	3	146.	26.70	150
6	106.	16.80	175*	$3\frac{1}{2}$	157.	27.85	135
$6\frac{1}{2}$	112.	17.45	175*	4	167.	29.00	125
7	118.	18.10	150*	$4\frac{1}{2}$	178.	30.15	110
$7\frac{1}{2}$	124.	18.75	150*	5	189.	31.30	110
8	130.	19.40	125*	$5\frac{1}{2}$	199.	32.45	100
$8\frac{1}{2}$	136.	20.05	125*	6	210.	33.60	100
9	142.	20.70	125*	7	231.	35.90	80
$9\frac{1}{2}$	148.	21.35	125*	8	252.	38.20	80
10	154.	22.00	125*	9	273.	40.50	75
$10\frac{1}{2}$	160.	23.30	100*	10	295.	42.80	60
11	166.	23.30	100*	12	338.	47.40	50
12	178.	24.60	100*	14	379.	52.00	50
13	190.	25.90	100*	16	422.	56.60	50
14	202.	27.20	100*	18	464.	61.20	50
15	214.	28.50	100*	20	507.	65.80	50

* Denotes sizes in stock. Other sizes can be furnished promptly from our Factory connections.

COLD PUNCHED, CHAMFERED, AND TRIMMED



HEXAGON NUTS



United States Standard Sizes

Wide	Thick	Hole	Bolt	Weight per 100 pieces	No. in 100 lbs.	Price per 100 pieces
1/2	1/4	13/64	1/4	1.176	8,500	.65
19/32	5/16	1/4	5/16	01.923	5,200	.90
11/8	3/8	11/64	3/8	03.333	3,000	1.20
25/32	7/16	11/32	7/16	04.926	2,030	1.75
7/8	1/2	33/64	1/2	07.142	1,400	2.25
31/32	9/16	29/32	9/16	09.259	1,080	3.10
11/8	5/8	63/64	5/8	12.820	780	3.60
11/4	3/4	5/8	3/4	21.276	470	5.10
11/8	7/8	47/64	7/8	32.258	310	8.00
13/8	1	27/32	1	47.619	210	11.15
11/2	1 1/8	32/32	1 1/8	66.666	150	15.55
2	1 1/4	11/8	1 1/4	90.909	110	21.40
2 3/16	1 3/8	13/8	1 3/8	119.047	84	28.80
2 3/8	1 1/2	1 1/2	1 1/2	147.058	68	38.70
2 9/16	1 5/8	1 5/8	1 5/8	185.185	54	56.05
2 3/4	1 3/4	1 1/2	1 3/4	238.095	42	75.70
2 15/16	1 7/8	1 5/8	1 7/8	285.714	35	94.95
3 1/8	2	1 3/4	2	344.827	29	112.90
3 1/2	2 1/4	1 3/4	2 1/4	476.190	21	168.40
3 7/8	2 1/2	2 1/8	2 1/2	666.666	15	252.60
4 1/4	2 3/4	2 1/8	2 3/4	800.	12.5	326.00
4 5/8	3	2 1/8	3	1000.	10	438.00
5	3 1/4	2 1/8	3 1/4	1351.351	7.4	640.00
5 3/8	3 1/2	3 5/8	3 1/2	1694.915	5.9	816.70
5 3/4	3 3/4	3 3/8	3 3/4	2083.333	4.8	1026.70
6 1/8	4	3 9/16	4	2564.102	3.9	1236.70

COLD PUNCHED, CHAMFERED, AND TRIMMED



SQUARE NUTS



United States Standard Sizes

Wide	Thick	Hole	Bolt	Weight per 100 pieces	No. in 100 lbs.	Price per 100 pieces
1/2	1/4	13/64	1/4	1.369	7,300	.55
19/32	5/16	1/4	5/16	02.325	4,300	.75
11/8	3/8	11/64	3/8	03.846	2,600	1.05
25/32	7/16	11/32	7/16	05.714	1,750	1.50
7/8	1/2	33/64	1/2	08.474	1,180	2.00
31/32	9/16	29/32	9/16	11.111	900	2.80
11/8	5/8	63/64	5/8	15.384	650	3.25
11/4	3/4	5/8	3/4	26.315	380	4.60
11/8	7/8	47/64	7/8	38.461	260	7.20
15/8	1	27/32	1	58.823	170	10.00
11/2	1 1/8	32/32	1 1/8	76.923	130	14.00
2	1 1/4	11/8	1 1/4	104.166	96	19.60
2 3/16	1 3/8	13/8	1 3/8	142.857	70	33.50
2 3/8	1 1/2	1 1/2	1 1/2	172.414	58	45.20



LAG SCREWS



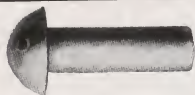
Size Inches	Weight 100 Bolts, Lbs.	List Price 100	No. Pieces Standard Container	Size Inches	Weight 100 Bolts, Lbs.	List Price 100	No. Pieces Standard Container
$\frac{1}{4} \times 1$	2.2	2.35	5200	$\frac{1}{2} \times 4$	22.9	6.20	900*
$1\frac{1}{2}$	2.6	2.15	3800	$4\frac{1}{2}$	25.2	6.65	700
2	3.1	2.35	3600	5	27.5	7.10	600
$2\frac{1}{2}$	3.7	2.55	3600	$5\frac{1}{2}$	30.3	7.55	400
3	4.2	2.80	3300	6	32.	8.00	500
$3\frac{1}{2}$	4.8	3.05	3300	$6\frac{1}{2}$	34.3	8.45	400
4	5.4	3.30	2400	7	36.5	8.90	500
$4\frac{1}{2}$	6.	3.55	2400	$7\frac{1}{2}$	38.8	9.35	250
5	6.6	3.80	2000	8	41.	9.80	400
$5\frac{1}{2}$	7.2	4.05	1500				
6	7.8	4.35	1500	$\frac{5}{8} \times 1\frac{1}{2}$	20.8	7.95	500
$\frac{5}{16} \times 1$	2.9	2.35	4600	2	24.	7.40	500*
$1\frac{1}{2}$	3.9	2.15	4200	$2\frac{1}{2}$	27.2	6.85	400*
2	4.8	2.35	2500	3	30.5	7.50	600*
$2\frac{1}{2}$	5.6	2.55	3000	$3\frac{1}{2}$	33.7	8.15	500*
3	6.5	2.80	2200	4	37.	8.80	600*
$3\frac{1}{2}$	7.3	3.05	1600	$4\frac{1}{2}$	40.2	9.45	300*
4	8.2	3.30	1200	5	43.5	10.10	400*
$5\frac{1}{2}$	11.3	3.80	1000	$5\frac{1}{2}$	47.	10.75	375*
6	10.9	4.05	1000	6	50.6	11.40	400*
	11.7	4.35	900	$6\frac{1}{2}$	54.2	12.05	250
$\frac{3}{8} \times 1$	4.5	2.85	2100	7	57.8	12.70	375
$1\frac{1}{2}$	5.1	2.60	2200	$7\frac{1}{2}$	61.4	13.35	200
2	6.7	2.85	3000*	8	64.7	14.00	250
$2\frac{1}{2}$	8.4	3.10	2100*	9	72.	15.20	225
3	9.1	3.40	2100*	10	79.2	16.40	250
$3\frac{1}{2}$	10.6	3.70	1500*	11	84.	17.70	250
4	12.	4.00	1600*	12	86.4	19.00	200
$4\frac{1}{2}$	13.	4.30	1200	14	93.6	21.00	200
5	14.	4.65	1200	15	97.2	22.90	200
$5\frac{1}{2}$	15.	5.00	700	16	100.8	24.20	200
6	16.	5.35	900	$\frac{3}{4} \times 2$	33.	11.75	300
$6\frac{1}{2}$	17.	5.70	700	$2\frac{1}{2}$	39.	11.00	250
7	18.	6.05	900	3	45.	11.90	350*
$7\frac{1}{2}$	19.	6.40	600	4	57.	13.70	400*
8	20.	6.75	800	$4\frac{1}{2}$	62.	14.60	250
9	22.	7.45	400	5	67.	15.50	300*
10	24.	8.15	300	$5\frac{1}{2}$	72.	16.40	250
11	26.	8.90	300	6	77.	17.30	225*
12	28.	9.65	300	7	87.	19.10	250
$\frac{1}{2} \times 1$	8.7	5.25	1000	8	97.	20.90	200
$1\frac{1}{2}$	10.4	4.85	900	9	107.	22.65	200
2	13.	4.45	1100*	10	117.	24.40	175
$2\frac{1}{2}$	15.6	4.85	1200*	11	127.	26.25	150
3	18.2	5.30	1100*	12	137.	28.10	150
$3\frac{1}{2}$	20.6	5.75	800*	13	147.	29.95	150
				14	157.	31.85	150
				16	177.	35.65	150

* Denotes sizes in stock. Other sizes can be furnished promptly from our Factory connections.



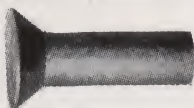
RIVETS
ROUND HEAD STRUCTURAL
250 lb. Kegs

Size Inches	Net Extra For Size	Weight per 100	Average Stock
$\frac{1}{2} \times \frac{3}{4}$	.55	.875	2 kegs
$\frac{7}{8}$	.55	9.35	1 keg
1	.55	10.00	1 keg
$1\frac{1}{8}$	.55	10.70	Whse.
$1\frac{1}{4}$	.55	11.40	1 keg
$1\frac{3}{8}$	.55	12.10	Whse.
$1\frac{1}{2}$	.55	12.80	1 keg
$1\frac{5}{8}$	.55	13.50	Whse.
$1\frac{3}{4}$	.55	14.20	1 keg
$1\frac{7}{8}$	.55	14.90	2 kegs
2	.40	15.60	2 kegs
$2\frac{1}{8}$	.40	16.30	Whse.
$2\frac{1}{4}$	.40	17.00	3 kegs
$2\frac{3}{8}$	.40	17.70	Whse.
$2\frac{1}{2}$	.40	18.40	2 kegs
$2\frac{3}{4}$	.40	19.80	2 kegs
$2\frac{7}{8}$	.40	20.50	Whse.
3	.40	21.20	1 keg
$3\frac{1}{4}$	.40	22.60	Whse.
$3\frac{1}{2}$	.40	24.00	1 keg
$3\frac{3}{4}$	.40	25.40	Whse.
4	.40	26.80	1 keg
$\frac{5}{8} \times \frac{3}{4}$	.35	16.20	5 kegs
$\frac{7}{8}$	.35	17.22	Whse.
1	.35	18.25	1 keg
$1\frac{1}{8}$	.35	19.28	Whse.
$1\frac{1}{4}$	.35	20.31	2 kegs
$1\frac{3}{8}$	.35	21.34	Whse.
$1\frac{1}{2}$	.35	22.37	3 kegs
$1\frac{5}{8}$	.35	23.40	Whse.
$1\frac{3}{4}$	.35	24.43	3 kegs
$1\frac{7}{8}$	.35	25.46	2 kegs
2	.20	26.49	3 kegs
$2\frac{1}{8}$	.20	27.52	Whse.
$2\frac{1}{4}$	.20	28.55	2 kegs
$2\frac{3}{8}$	.20	29.58	Whse.
$2\frac{1}{2}$	.20	30.61	5 kegs
$2\frac{5}{8}$	.20	31.64	Whse.
$2\frac{3}{4}$	.20	32.67	10 kegs
$2\frac{7}{8}$	.20	33.70	Whse.
3	.20	34.73	4 kegs
$3\frac{1}{4}$	.20	36.79	Whse.
$3\frac{1}{2}$	.20	38.85	2 kegs
$3\frac{3}{4}$	.20	40.91	Whse.
4	.20	42.97	2 kegs
$4\frac{1}{4}$	.20	45.03	Whse.
$4\frac{1}{2}$	.20	47.09	Whse.
$4\frac{3}{4}$	.20	49.15	Whse.
5	.20	51.21	Whse.
$\frac{3}{4} \times 1$	.15	26.55	3 kegs
$1\frac{1}{8}$	.15	28.00	1 keg
$1\frac{1}{4}$	.15	29.45	6 kegs
$1\frac{3}{8}$	.15	30.90	2 kegs
$1\frac{1}{2}$	.15	32.35	5 kegs
$1\frac{5}{8}$	.15	33.80	2 kegs
$1\frac{3}{4}$	.15	35.25	6 kegs
$1\frac{7}{8}$	.15	36.70	10 kegs
2	Base	38.15	20 kegs
$2\frac{1}{8}$	Base	39.60	15 kegs
$2\frac{1}{4}$	Base	41.05	15 kegs



RIVETS
ROUND HEAD STRUCTURAL
250 lb. Kegs

Size Inches	Net Extra For Size	Weight per 100	Average Stock
2 ³ / ₈	Base	42.50	20 kegs
2 ¹ / ₂	Base	43.95	20 kegs
2 ⁵ / ₈	Base	45.40	15 kegs
2 ³ / ₄	Base	46.90	10 kegs
2 ⁷ / ₈	Base	48.30	5 kegs
3	Base	49.75	5 kegs
3 ¹ / ₈	Base	51.17	3 kegs
3 ¹ / ₄	Base	52.65	3 kegs
3 ³ / ₈	Base	54.15	2 kegs
3 ¹ / ₂	Base	55.55	2 kegs
3 ⁵ / ₈	Base	57.00	2 kegs
3 ³ / ₄	Base	58.45	2 kegs
3 ⁷ / ₈	Base	59.90	Whse.
4	Base	61.35	2 kegs
4 ¹ / ₈	Base	62.85	Whse.
4 ¹ / ₄	.25	64.25	2 kegs
4 ³ / ₈	.25	65.70	Whse.
4 ¹ / ₂	.25	67.15	2 kegs
4 ⁵ / ₈	.25	68.60	Whse.
4 ³ / ₄	.25	70.05	3 kegs
5	.25	71.50	3 kegs
5 ¹ / ₈	.25	72.95	Whse.
5 ¹ / ₄	.25	75.85	2 kegs
5 ¹ / ₂	.25	78.75	3 kegs
5 ³ / ₄	.25	81.65	3 kegs
6	.25	84.55	2 kegs
6 ¹ / ₂	.25	90.35	1 keg
7	.25	96.15	Whse.
7 ¹ / ₈ x 1 ¹ / ₂	.15	50.00	3 kegs
1 ³ / ₄	.15	54.00	3 kegs
2	Base	58.00	5 kegs
2 ¹ / ₈	Base	60.00	5 kegs
2 ¹ / ₄	Base	62.00	3 kegs
2 ³ / ₈	Base	64.00	5 kegs
2 ¹ / ₂	Base	66.00	2 kegs
2 ⁵ / ₈	Base	68.00	1 keg
2 ³ / ₄	Base	70.00	3 kegs
2 ⁷ / ₈	Base	72.00	10 kegs
3	Base	74.00	3 kegs
3 ¹ / ₄	Base	78.00	3 kegs
3 ¹ / ₂	Base	82.00	3 kegs
3 ³ / ₄	Base	86.00	1 keg
4	Base	90.00	1 keg
4 ¹ / ₄	.25	94.00	3 kegs
4 ¹ / ₂	.25	98.00	2 kegs
4 ³ / ₄	.25	102.00	2 kegs
5	.25	106.00	3 kegs
5 ¹ / ₈	.25	108.00	1 keg
5 ¹ / ₄	.25	110.00	1 keg
5 ¹ / ₂	.25	114.00	2 kegs
5 ⁵ / ₈	.25	116.00	Whse.
5 ³ / ₄	.25	118.00	1 keg
6	.25	122.00	2 kegs
6 ¹ / ₄	.25	126.00	Whse.
6 ¹ / ₂	.25	130.00	2 kegs
6 ³ / ₄	.25	134.00	2 kegs
7	.25	138.00	1 keg
7 ¹ / ₄	.25	142.00	1 keg
8	.25	154.00	1 keg



**RIVETS
COUNTERSUNK HEAD
STRUCTURAL**



Size Inches	List Price	Weight per 100	Average Stock
$\frac{5}{8}$ x $1\frac{1}{2}$	.55	15.66	1 keg
2	.40	19.97	1 keg
$2\frac{1}{2}$	.40	24.26	1 keg
3	.40	28.59	1 keg
$\frac{3}{4}$ x $1\frac{1}{4}$	.40	22.50	1 keg
$1\frac{1}{2}$	.40	23.93	1 keg
$1\frac{3}{4}$	.40	27.01	1 keg
2	.25	30.08	1 keg
$2\frac{1}{4}$	.25	33.16	1 keg
$2\frac{3}{8}$	.25	34.69	2 kegs
$2\frac{1}{2}$	.25	36.23	1 keg
$2\frac{3}{4}$	.25	39.31	1 keg
$3\frac{1}{2}$	.25	48.53	2 kegs

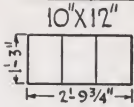
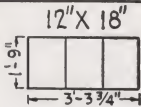
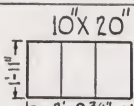
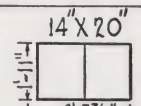


**RIVETS
Round Head Tank
200 lb. Kegs**

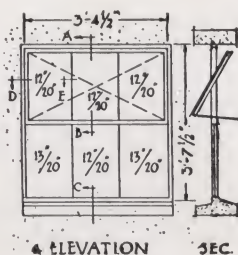


Size Inches	List Price	Weight per 100	Average Stock
$\frac{3}{16}$ x $1\frac{1}{2}$	.18	.75	Whse.
$\frac{5}{8}$	.18	.85	Whse.
$\frac{1}{4}$ x $\frac{3}{8}$	.19	1.00	1 keg
$1\frac{1}{2}$	.17	1.23	1 keg
$\frac{5}{8}$	.17	1.41	1 keg
$\frac{7}{8}$	.16 $\frac{1}{2}$	1.75	1 keg
$1\frac{1}{8}$	.16	2.10	1 keg
$1\frac{1}{4}$	.16	2.27	2 kegs
$1\frac{1}{2}$	.16	2.62	2 kegs
2	.16	3.31	2 kegs
	.18	1.80	2 kegs
$\frac{5}{16}$ x $\frac{3}{8}$			
$1\frac{1}{2}$	.16 $\frac{1}{2}$	2.00	1 keg
$\frac{5}{8}$	.16 $\frac{1}{2}$	2.28	1 keg
$\frac{3}{4}$	.16	2.55	1 keg
$\frac{7}{8}$	.16	2.82	1 keg
1	.15 $\frac{1}{2}$	3.09	2 kegs
$1\frac{1}{4}$	.15 $\frac{1}{2}$	3.64	1 keg
$1\frac{1}{2}$	.15 $\frac{1}{2}$	4.18	1 keg
$\frac{3}{8}$ x $1\frac{1}{2}$	.16	5.23	1 keg
$\frac{5}{8}$	.16	3.62	1 keg
$\frac{3}{4}$	.15 $\frac{1}{2}$	4.02	1 keg
$\frac{7}{8}$	.15 $\frac{1}{2}$	4.42	1 keg
1	.15	4.81	1 keg
$1\frac{1}{4}$	.15	5.59	1 keg
$1\frac{1}{2}$	.15	6.38	1 keg
$1\frac{3}{4}$	.15	7.16	2 kegs
2	.15	7.94	Whse.

BASEMENT WINDOWS

GLASS SIZE		
AREA	3.5	5.8
WEIGHT	20	26
GLASS SIZE		
AREA	5.4	5.0
WEIGHT	24	21

Glass Size	Average Stock
10 x 12	80
10 x 20	80
12 x 18	100
14 x 20	40



UTILITY WINDOWS

Type	Weight Per Unit	Average Stock
32131	50	20

Buy War Bonds

For Iron
Deduct 2%

WEIGHT OF ROUND STEEL BARS POUNDS PER LINEAL FOOT

Diam. Inches	Pounds per Foot	Diam. Inches	Pounds per Foot	Diam. Inches	Pounds per Foot	Diam. Inches	Pounds per Foot
$\frac{1}{16}$	.010	$\frac{3}{16}$	2.5876	$2\frac{1}{8}$	21.123	$5\frac{1}{8}$	90.22
$\frac{3}{16}$	.017	1	2.6704	$2\frac{3}{8}$	21.595	$5\frac{3}{8}$	92.17
$\frac{1}{4}$	.023	$1\frac{1}{16}$	2.8399	$2\frac{7}{8}$	22.072	$5\frac{7}{8}$	94.14
$\frac{5}{16}$	.031	$1\frac{1}{8}$	3.0146	$2\frac{3}{4}$	22.555	6	96.13
$\frac{3}{8}$	.0417	$1\frac{3}{8}$	3.1945	$2\frac{1}{2}$	23.042	$6\frac{1}{8}$	98.15
$\frac{7}{16}$	.0528	$1\frac{1}{2}$	3.3797	$2\frac{1}{4}$	23.535	$6\frac{3}{8}$	100.18
$\frac{1}{2}$	.0652	$1\frac{5}{8}$	3.5700	3	24.033	$6\frac{5}{8}$	102.24
$\frac{9}{16}$	.0789	$1\frac{3}{4}$	3.7656	$3\frac{1}{32}$	24.537	$6\frac{7}{8}$	104.31
$\frac{5}{8}$	.0939	$1\frac{7}{8}$	3.9664	$3\frac{1}{8}$	25.045	$6\frac{9}{8}$	106.41
$\frac{11}{16}$	.1102	$1\frac{1}{4}$	4.1724	$3\frac{3}{32}$	25.559	$6\frac{11}{8}$	108.53
$\frac{3}{4}$	.1278	$1\frac{3}{2}$	4.3836	$3\frac{1}{4}$	26.078	$6\frac{1}{4}$	110.66
$\frac{13}{16}$	.1467	$1\frac{5}{8}$	4.6001	$3\frac{5}{32}$	26.602	$6\frac{1}{2}$	112.82
$\frac{7}{8}$	.1669	$1\frac{3}{4}$	4.8218	$3\frac{7}{16}$	27.131	$6\frac{3}{4}$	115.00
$\frac{15}{16}$	.1884	$1\frac{7}{8}$	5.0486	$3\frac{7}{32}$	27.666	$6\frac{5}{8}$	117.20
$1\frac{1}{16}$	.2112	$1\frac{1}{2}$	5.2807	$3\frac{1}{2}$	28.206	$6\frac{1}{2}$	119.43
$1\frac{1}{8}$	.2354	$1\frac{7}{8}$	5.5180	$3\frac{3}{8}$	28.751	$6\frac{3}{4}$	121.67
$1\frac{1}{4}$	.2608	$1\frac{3}{4}$	5.7606	$3\frac{5}{8}$	29.301	$6\frac{7}{8}$	123.93
$1\frac{3}{8}$	.2875	$1\frac{1}{2}$	6.0083	$3\frac{1}{2}$	29.856	$6\frac{1}{2}$	126.22
$1\frac{1}{2}$	.3155	$1\frac{3}{2}$	6.2613	$3\frac{3}{4}$	30.417	$6\frac{1}{2}$	128.52
$1\frac{3}{4}$	.3449	$1\frac{5}{8}$	6.5194	$3\frac{3}{8}$	30.983	7	130.85
$1\frac{7}{8}$	.3755	$1\frac{3}{2}$	6.7828	$3\frac{7}{8}$	31.554	$7\frac{1}{8}$	133.19
$1\frac{9}{8}$	.4075	$1\frac{5}{8}$	7.0514	$3\frac{1}{2}$	32.130	$7\frac{1}{8}$	135.56
$1\frac{11}{8}$	.4407	$1\frac{3}{4}$	7.3252	$3\frac{1}{2}$	32.712	$7\frac{1}{8}$	137.95
$1\frac{13}{8}$	.4753	$1\frac{1}{2}$	7.6043	$3\frac{3}{8}$	33.891	$7\frac{1}{4}$	140.36
$1\frac{15}{8}$	.5111	$1\frac{3}{4}$	7.8885	$3\frac{5}{8}$	35.090	$7\frac{3}{8}$	142.79
$1\frac{17}{8}$	.5483	$1\frac{3}{4}$	8.1780	$3\frac{1}{2}$	36.311	$7\frac{3}{8}$	145.24
$1\frac{19}{8}$	.5867	$1\frac{3}{2}$	8.4726	$3\frac{3}{4}$	37.552	$7\frac{3}{8}$	147.71
$1\frac{21}{8}$	.6265	$1\frac{1}{2}$	8.7725	$3\frac{1}{2}$	38.814	$7\frac{1}{2}$	150.21
$1\frac{23}{8}$	.6676	$1\frac{3}{2}$	9.0776	$3\frac{7}{8}$	40.097	$7\frac{1}{2}$	152.72
$1\frac{25}{8}$	.7100	$1\frac{7}{8}$	9.3880	$3\frac{1}{2}$	41.401	$7\frac{5}{8}$	155.26
$1\frac{27}{8}$	.7536	$1\frac{3}{2}$	9.7035	4	42.726	$7\frac{1}{2}$	157.81
$1\frac{29}{8}$	.7986	$1\frac{1}{2}$	10.0243	$4\frac{1}{8}$	44.071	$7\frac{3}{4}$	160.39
$1\frac{31}{8}$	.8449	$1\frac{3}{4}$	10.3502	$4\frac{1}{8}$	45.438	$7\frac{1}{2}$	162.99
$1\frac{33}{8}$	.8925	2	10.6814	$4\frac{3}{8}$	46.825	$7\frac{1}{2}$	165.60
$1\frac{35}{8}$	.9414	$2\frac{1}{32}$	11.0178	$4\frac{1}{4}$	48.233	$7\frac{1}{2}$	168.24
$1\frac{37}{8}$	.9916	$2\frac{1}{8}$	11.3595	$4\frac{5}{8}$	49.662	8	170.90
$1\frac{39}{8}$	1.0431	$2\frac{3}{32}$	11.7063	$4\frac{3}{8}$	51.112	$8\frac{1}{8}$	173.58
$1\frac{41}{8}$	1.0959	$2\frac{1}{4}$	12.0583	$4\frac{7}{8}$	52.583	$8\frac{1}{8}$	176.29
$1\frac{43}{8}$	1.1500	$2\frac{3}{8}$	12.4156	$4\frac{1}{2}$	54.075	$8\frac{1}{8}$	179.01
$1\frac{45}{8}$	1.2054	$2\frac{5}{8}$	12.7781	$4\frac{5}{8}$	55.587	$8\frac{1}{4}$	181.75
$1\frac{47}{8}$	1.2622	$2\frac{7}{8}$	13.1458	$4\frac{5}{8}$	57.121	$8\frac{1}{4}$	184.52
$1\frac{49}{8}$	1.3202	$2\frac{1}{4}$	13.5187	$4\frac{1}{2}$	58.675	$8\frac{3}{8}$	187.30
$1\frac{51}{8}$	1.3795	$2\frac{3}{2}$	13.8968	$4\frac{3}{4}$	60.250	$8\frac{1}{8}$	190.11
$1\frac{53}{8}$	1.4401	$2\frac{5}{8}$	14.2802	$4\frac{1}{2}$	61.846	$8\frac{1}{2}$	192.93
$1\frac{55}{8}$	1.5021	$2\frac{1}{2}$	14.6687	$4\frac{7}{8}$	63.463	$8\frac{3}{8}$	195.78
$1\frac{57}{8}$	1.5653	$2\frac{3}{8}$	15.0625	$4\frac{1}{2}$	65.100	$8\frac{5}{8}$	198.65
$1\frac{59}{8}$	1.6299	$2\frac{3}{2}$	15.4615	5	66.759	$8\frac{1}{2}$	201.54
$1\frac{61}{8}$	1.6957	$2\frac{7}{8}$	15.8657	$5\frac{1}{8}$	68.438	$8\frac{3}{4}$	204.45
$1\frac{63}{8}$	1.7629	$2\frac{1}{2}$	16.2751	$5\frac{1}{8}$	70.139	$8\frac{1}{2}$	207.38
$1\frac{65}{8}$	1.8313	$2\frac{1}{2}$	16.6898	$5\frac{3}{8}$	71.860	$8\frac{3}{8}$	210.33
$1\frac{67}{8}$	1.9011	$2\frac{1}{2}$	17.1096	$5\frac{1}{4}$	73.602	$8\frac{1}{2}$	213.31
$1\frac{69}{8}$	1.9721	$2\frac{3}{8}$	17.5346	$5\frac{3}{8}$	75.364	9	216.30
$1\frac{71}{8}$	2.0445	$2\frac{1}{2}$	17.9650	$5\frac{3}{8}$	77.148	$9\frac{1}{2}$	241.00
$1\frac{73}{8}$	2.1182	$2\frac{5}{8}$	18.4004	$5\frac{7}{8}$	78.953	10	267.04
$1\frac{75}{8}$	2.1931	$2\frac{3}{4}$	18.8410	$5\frac{1}{2}$	80.778	$10\frac{1}{2}$	294.41
$1\frac{77}{8}$	2.2694	$2\frac{1}{2}$	19.2870	$5\frac{1}{8}$	82.62	11	323.11
$1\frac{79}{8}$	2.3470	$2\frac{3}{2}$	19.7382	$5\frac{5}{8}$	84.49	$11\frac{1}{2}$	353.16
$1\frac{81}{8}$	2.4259	$2\frac{3}{4}$	20.1946	$5\frac{1}{2}$	86.38	12	384.53
$1\frac{83}{8}$	2.5061	$2\frac{3}{2}$	20.656	$5\frac{3}{4}$	88.29		

WEIGHTS OF SQUARE STEEL BARS For Iron POUNDS PER LINEAL FOOT
Deduct 2%

Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot	Size, Inches	Pounds per Foot
$\frac{1}{8}$	.0531	$1\frac{1}{8}$	3.838	$2\frac{7}{8}$	28.103	$5\frac{7}{8}$	117.35
$\frac{3}{4}$	.0672	$1\frac{3}{4}$	4.067	$2\frac{3}{4}$	28.717	$5\frac{1}{2}$	119.86
$\frac{3}{16}$	.0830	$1\frac{1}{2}$	4.303	$2\frac{1}{2}$	29.338	6	122.40
$\frac{1}{4}$	.1004	$1\frac{1}{4}$	4.546	$2\frac{1}{4}$	29.966	$6\frac{1}{8}$	124.96
$\frac{3}{8}$	.1195	$1\frac{3}{8}$	4.795	3	30.600	$6\frac{1}{4}$	127.55
$\frac{1}{2}$	.1403	$1\frac{1}{2}$	5.050	$3\frac{1}{8}$	31.241	$6\frac{3}{8}$	130.17
$\frac{3}{16}$	.1627	$1\frac{1}{4}$	5.313	$3\frac{1}{4}$	31.888	$6\frac{1}{2}$	132.81
$\frac{1}{2}$	.1868	$1\frac{3}{8}$	5.581	$3\frac{3}{8}$	32.542	$6\frac{5}{8}$	135.48
$\frac{1}{4}$	.2125	$1\frac{5}{8}$	5.857	$3\frac{1}{2}$	33.203	$6\frac{3}{4}$	138.18
$\frac{3}{16}$	.2399	$1\frac{1}{2}$	6.139	$3\frac{5}{8}$	33.871	$6\frac{7}{8}$	140.90
$\frac{3}{8}$	.2689	$1\frac{3}{4}$	6.428	$3\frac{3}{4}$	34.545	$6\frac{1}{2}$	143.65
$\frac{1}{2}$	.2997	$1\frac{3}{8}$	6.724	$3\frac{7}{8}$	35.225	$6\frac{1}{4}$	146.43
$\frac{3}{16}$	.3320	$1\frac{1}{4}$	7.026	$3\frac{1}{4}$	35.913	$6\frac{5}{8}$	149.23
$\frac{3}{8}$	.3661	$1\frac{3}{8}$	7.335	$3\frac{1}{2}$	36.606	$6\frac{3}{4}$	152.06
$\frac{1}{2}$	.4018	$1\frac{1}{2}$	7.650	$3\frac{3}{8}$	37.307	$6\frac{1}{2}$	154.91
$\frac{3}{16}$	.4391	$1\frac{1}{4}$	7.972	$3\frac{1}{2}$	38.014	$6\frac{1}{4}$	157.79
$\frac{3}{8}$	.4781	$1\frac{3}{8}$	8.301	$3\frac{3}{4}$	38.728	$6\frac{3}{8}$	160.70
$\frac{1}{2}$	.5188	$1\frac{1}{2}$	8.636	$3\frac{1}{2}$	39.449	$6\frac{1}{2}$	163.64
$\frac{3}{16}$	.5611	$1\frac{1}{4}$	8.978	$3\frac{1}{4}$	40.176	7	166.60
$\frac{3}{8}$	.6051	$1\frac{3}{8}$	9.327	$3\frac{3}{8}$	40.910	$7\frac{1}{8}$	169.59
$\frac{1}{2}$	.6508	$1\frac{1}{2}$	9.682	$3\frac{1}{2}$	41.650	$7\frac{1}{4}$	172.60
$\frac{3}{16}$	.6981	$1\frac{1}{4}$	10.044	$3\frac{3}{8}$	43.151	$7\frac{3}{8}$	175.64
$\frac{3}{8}$	.7471	$1\frac{3}{4}$	10.413	$3\frac{1}{2}$	44.678	$7\frac{1}{2}$	178.71
$\frac{1}{2}$	.7977	$1\frac{1}{2}$	10.788	$3\frac{3}{4}$	46.232	$7\frac{5}{8}$	181.81
$\frac{3}{16}$	.8500	$1\frac{1}{4}$	11.170	$3\frac{1}{2}$	47.813	$7\frac{3}{4}$	184.93
$\frac{3}{8}$	.9040	$1\frac{3}{8}$	11.558	$3\frac{1}{4}$	49.420	$7\frac{1}{2}$	188.08
$\frac{1}{2}$	.9596	$1\frac{1}{2}$	11.953	$3\frac{3}{8}$	51.053	$7\frac{1}{4}$	191.25
$\frac{3}{16}$	1.0168	$1\frac{1}{4}$	12.355	$3\frac{1}{2}$	52.713	$7\frac{3}{8}$	194.45
$\frac{3}{8}$	1.0758	$1\frac{3}{8}$	12.763	4	54.400	$7\frac{1}{2}$	197.68
$\frac{1}{2}$	1.1364	$1\frac{1}{2}$	13.178	$4\frac{1}{8}$	56.113	$7\frac{1}{4}$	200.93
$\frac{3}{16}$	1.1986	2	13.600	$4\frac{1}{4}$	57.853	$7\frac{3}{4}$	204.21
$\frac{3}{8}$	1.2625	$2\frac{1}{4}$	14.028	$4\frac{3}{8}$	59.620	$7\frac{1}{2}$	207.52
$\frac{1}{2}$	1.3281	$2\frac{1}{2}$	14.463	$4\frac{1}{2}$	61.413	$7\frac{5}{8}$	210.85
$\frac{3}{16}$	1.3954	$2\frac{3}{8}$	14.905	$4\frac{3}{4}$	63.232	$7\frac{3}{4}$	214.21
$\frac{3}{8}$	1.4643	$2\frac{1}{2}$	15.353	$4\frac{5}{8}$	65.078	8	217.60
$\frac{1}{2}$	1.5348	$2\frac{5}{8}$	15.808	$4\frac{7}{8}$	66.951	$8\frac{1}{8}$	221.01
$\frac{3}{16}$	1.6070	$2\frac{3}{4}$	16.270	$4\frac{1}{2}$	68.850	$8\frac{1}{4}$	224.45
$\frac{3}{8}$	1.6809	$2\frac{7}{8}$	16.738	$4\frac{3}{4}$	70.776	$8\frac{3}{8}$	227.92
$\frac{1}{2}$	1.7564	$2\frac{1}{4}$	17.213	$4\frac{5}{8}$	72.728	$8\frac{1}{2}$	231.41
$\frac{3}{16}$	1.8336	$2\frac{3}{8}$	17.694	$4\frac{7}{8}$	74.707	$8\frac{3}{4}$	234.93
$\frac{3}{8}$	1.9125	$2\frac{5}{8}$	18.182	$4\frac{1}{2}$	76.713	$8\frac{5}{8}$	238.48
$\frac{1}{2}$	1.9930	$2\frac{3}{4}$	18.677	$4\frac{3}{4}$	78.745	$8\frac{7}{8}$	242.05
$\frac{3}{16}$	2.0752	$2\frac{7}{8}$	19.178	$4\frac{5}{8}$	80.803	$8\frac{1}{2}$	245.65
$\frac{3}{8}$	2.1590	$2\frac{1}{2}$	19.686	$4\frac{7}{8}$	82.888	$8\frac{3}{4}$	249.28
$\frac{1}{2}$	2.2445	$2\frac{5}{8}$	20.201	5	85.000	$8\frac{5}{8}$	252.93
$\frac{3}{16}$	2.3317	$2\frac{3}{4}$	20.722	$5\frac{1}{8}$	87.138	$8\frac{7}{8}$	256.61
$\frac{3}{8}$	2.4205	$2\frac{1}{2}$	21.250	$5\frac{1}{4}$	89.303	$8\frac{1}{2}$	260.31
$\frac{1}{2}$	2.5110	$2\frac{3}{8}$	21.785	$5\frac{3}{8}$	91.495	$8\frac{3}{4}$	264.04
$\frac{3}{16}$	2.6031	$2\frac{1}{4}$	22.326	$5\frac{1}{2}$	93.713	$8\frac{5}{8}$	267.80
$\frac{3}{8}$	2.6969	$2\frac{3}{8}$	22.874	$5\frac{5}{8}$	95.957	$8\frac{7}{8}$	271.59
$\frac{1}{2}$	2.7924	$2\frac{5}{8}$	23.428	$5\frac{7}{8}$	98.228	9	275.40
$\frac{3}{16}$	2.8895	$2\frac{7}{8}$	23.989	$5\frac{1}{2}$	100.526	$9\frac{1}{4}$	306.85
$\frac{3}{8}$	2.9883	$2\frac{1}{2}$	24.557	$5\frac{3}{4}$	102.850	$9\frac{3}{8}$	323.21
$\frac{1}{2}$	3.0887	$2\frac{3}{4}$	25.131	$5\frac{1}{2}$	105.20	10	340.00
$\frac{3}{16}$	3.1908	$2\frac{5}{8}$	25.713	$5\frac{3}{4}$	107.58	$10\frac{1}{2}$	374.85
$\frac{3}{8}$	3.2946	$2\frac{7}{8}$	26.300	$5\frac{1}{2}$	109.98	11	411.40
1	3.4000	$2\frac{1}{2}$	26.895	$5\frac{3}{4}$	112.41	$11\frac{1}{2}$	449.65
$1\frac{1}{2}$	3.616	$2\frac{3}{4}$	27.496	$5\frac{1}{2}$	114.87	12	489.60

CIRCUMFERENCES AND AREAS OF CIRCLES

—Continued

Diam.	Circum.	Area	Diam.	Circum.	Area	Diam.	Circum.	Area
52	163.363	2123.7	68 $\frac{1}{4}$	214.414	3658.4	84 $\frac{1}{2}$	265.465	5607.9
52 $\frac{1}{4}$	164.148	2144.2	68 $\frac{1}{2}$	215.199	3685.3	84 $\frac{3}{4}$	266.250	5641.2
52 $\frac{1}{2}$	164.934	2164.8	68 $\frac{3}{4}$	215.984	3712.2	85	267.035	5674.5
52 $\frac{3}{4}$	165.719	2185.4	69	216.770	3739.3	85 $\frac{1}{4}$	267.821	5707.9
53	166.504	2206.2	69 $\frac{1}{4}$	217.555	3766.4	85 $\frac{1}{2}$	268.606	5741.5
53 $\frac{1}{4}$	167.290	2227.0	69 $\frac{1}{2}$	218.341	3793.7	85 $\frac{3}{4}$	269.392	5775.1
53 $\frac{1}{2}$	168.075	2248.0	69 $\frac{3}{4}$	219.126	3821.0	86	270.177	5808.8
53 $\frac{3}{4}$	168.861	2269.1	70	219.911	3848.5	86 $\frac{1}{4}$	270.962	5842.6
54	169.646	2290.2	70 $\frac{1}{4}$	220.697	3876.0	86 $\frac{1}{2}$	271.748	5876.5
54 $\frac{1}{4}$	170.431	2311.5	70 $\frac{1}{2}$	221.482	3903.6	86 $\frac{3}{4}$	272.533	5910.6
54 $\frac{1}{2}$	171.217	2332.8	70 $\frac{3}{4}$	222.268	3931.4	87	273.319	5944.7
54 $\frac{3}{4}$	172.002	2354.3	71	223.053	3959.2	87 $\frac{1}{4}$	274.104	5978.9
55	172.788	2375.8	71 $\frac{1}{4}$	223.838	3987.1	87 $\frac{1}{2}$	274.889	6013.2
55 $\frac{1}{4}$	173.573	2397.5	71 $\frac{1}{2}$	224.624	4015.2	87 $\frac{3}{4}$	275.675	6047.6
55 $\frac{1}{2}$	174.358	2419.2	71 $\frac{3}{4}$	225.409	4043.3	88	276.460	6082.1
55 $\frac{3}{4}$	175.144	2441.1	72	226.195	4071.5	88 $\frac{1}{4}$	277.246	6116.7
56	175.929	2463.0	72 $\frac{1}{4}$	226.980	4099.8	88 $\frac{1}{2}$	278.031	6151.4
56 $\frac{1}{4}$	176.715	2485.0	72 $\frac{1}{2}$	227.765	4128.2	88 $\frac{3}{4}$	278.816	6186.2
56 $\frac{1}{2}$	177.500	2507.2	72 $\frac{3}{4}$	228.551	4156.8	89	279.602	6221.1
56 $\frac{3}{4}$	178.285	2529.4	73	229.336	4185.4	89 $\frac{1}{4}$	280.387	6256.1
57	179.071	2551.8	73 $\frac{1}{4}$	230.122	4214.1	89 $\frac{1}{2}$	281.173	6291.2
57 $\frac{1}{4}$	179.856	2574.2	73 $\frac{1}{2}$	230.907	4242.9	89 $\frac{3}{4}$	281.958	6326.4
57 $\frac{1}{2}$	180.642	2596.7	73 $\frac{3}{4}$	231.692	4271.8	90	282.743	6361.7
57 $\frac{3}{4}$	181.427	2619.4	74	232.478	4300.8	90 $\frac{1}{4}$	283.529	6397.1
58	182.212	2642.1	74 $\frac{1}{4}$	233.263	4329.9	90 $\frac{1}{2}$	284.314	6432.6
58 $\frac{1}{4}$	182.998	2664.9	74 $\frac{1}{2}$	234.049	4359.2	90 $\frac{3}{4}$	285.100	6468.2
58 $\frac{1}{2}$	183.783	2687.8	74 $\frac{3}{4}$	234.834	4388.5	91	285.885	6503.9
58 $\frac{3}{4}$	184.569	2710.9	75	235.619	4417.9	91 $\frac{1}{4}$	286.670	6539.7
59	185.354	2734.0	75 $\frac{1}{4}$	236.405	4447.4	91 $\frac{1}{2}$	287.456	6575.5
59 $\frac{1}{4}$	186.139	2757.2	75 $\frac{1}{2}$	237.190	4477.0	91 $\frac{3}{4}$	288.241	6611.5
59 $\frac{1}{2}$	186.925	2780.5	75 $\frac{3}{4}$	237.976	4506.7	92	289.027	6647.6
59 $\frac{3}{4}$	187.710	2803.9	76	238.761	4536.5	92 $\frac{1}{4}$	289.812	6683.8
60	188.496	2827.4	76 $\frac{1}{4}$	239.546	4566.4	92 $\frac{1}{2}$	290.597	6720.1
60 $\frac{1}{4}$	189.281	2851.0	76 $\frac{1}{2}$	240.332	4596.3	92 $\frac{3}{4}$	291.383	6756.4
60 $\frac{1}{2}$	190.066	2874.8	76 $\frac{3}{4}$	241.117	4626.4	93	292.168	6792.9
60 $\frac{3}{4}$	190.852	2898.6	77	241.903	4656.6	93 $\frac{1}{4}$	292.954	6829.5
61	191.637	2922.5	77 $\frac{1}{4}$	242.688	4686.9	93 $\frac{1}{2}$	293.739	6866.1
61 $\frac{1}{4}$	192.423	2946.5	77 $\frac{1}{2}$	243.473	4717.3	93 $\frac{3}{4}$	294.524	6902.9
61 $\frac{1}{2}$	193.208	2970.6	77 $\frac{3}{4}$	244.259	4747.8	94	295.310	6939.8
61 $\frac{3}{4}$	193.993	2994.8	78	245.044	4778.4	94 $\frac{1}{4}$	296.095	6976.7
62	194.779	3019.1	78 $\frac{1}{4}$	245.830	4809.0	94 $\frac{1}{2}$	296.881	7013.8
62 $\frac{1}{4}$	195.564	3043.5	78 $\frac{1}{2}$	246.615	4839.8	94 $\frac{3}{4}$	297.666	7051.0
62 $\frac{1}{2}$	196.350	3068.0	78 $\frac{3}{4}$	247.400	4870.7	95	298.451	7088.2
62 $\frac{3}{4}$	197.135	3092.6	79	248.186	4901.7	95 $\frac{1}{4}$	299.237	7125.6
63	197.920	3117.2	79 $\frac{1}{4}$	248.971	4932.7	95 $\frac{1}{2}$	300.022	7163.0
63 $\frac{1}{4}$	198.706	3142.0	79 $\frac{1}{2}$	249.757	4963.9	95 $\frac{3}{4}$	300.807	7200.6
63 $\frac{1}{2}$	199.491	3166.9	79 $\frac{3}{4}$	250.542	4995.2	96	301.593	7238.2
63 $\frac{3}{4}$	200.277	3191.9	80	251.327	5026.5	96 $\frac{1}{4}$	302.378	7276.0
64	201.062	3217.0	80 $\frac{1}{4}$	252.113	5058.0	96 $\frac{1}{2}$	303.164	7313.8
64 $\frac{1}{4}$	201.847	3242.2	80 $\frac{1}{2}$	252.898	5089.6	96 $\frac{3}{4}$	303.949	7351.8
64 $\frac{1}{2}$	202.633	3267.5	80 $\frac{3}{4}$	253.684	5121.2	97	304.734	7389.8
64 $\frac{3}{4}$	203.418	3292.8	81	254.469	5153.0	97 $\frac{1}{4}$	305.520	7428.0
65	204.204	3318.3	81 $\frac{1}{4}$	255.254	5184.9	97 $\frac{1}{2}$	306.305	7466.2
65 $\frac{1}{4}$	204.989	3343.9	81 $\frac{1}{2}$	256.040	5216.8	97 $\frac{3}{4}$	307.091	7504.5
65 $\frac{1}{2}$	205.774	3369.6	81 $\frac{3}{4}$	256.825	5248.9	98	307.876	7543.0
65 $\frac{3}{4}$	206.560	3395.3	82	257.611	5281.0	98 $\frac{1}{4}$	308.661	7581.5
66	207.345	3421.1	82 $\frac{1}{4}$	258.396	5313.3	98 $\frac{1}{2}$	309.447	7620.1
66 $\frac{1}{4}$	208.131	3447.2	82 $\frac{1}{2}$	259.181	5345.6	98 $\frac{3}{4}$	310.232	7658.9
66 $\frac{1}{2}$	208.916	3473.2	82 $\frac{3}{4}$	259.967	5378.1	99	311.018	7697.7
66 $\frac{3}{4}$	209.701	3499.4	83	260.752	5410.6	99 $\frac{1}{4}$	311.803	7736.6
67	210.487	3525.7	83 $\frac{1}{4}$	261.538	5443.3	99 $\frac{1}{2}$	312.588	7775.6
67 $\frac{1}{4}$	211.272	3552.0	83 $\frac{1}{2}$	262.323	5476.0	99 $\frac{3}{4}$	313.374	7814.8
67 $\frac{1}{2}$	212.058	3578.5	83 $\frac{3}{4}$	263.108	5508.8	100	314.159	7854.0
67 $\frac{3}{4}$	212.843	3605.0	84	263.894	5541.8			
68	213.628	3631.7	84 $\frac{1}{4}$	264.679	5574.8			

U. S. GALLONS IN ROUND TANK

For One Foot in Depth

Dia. of Tanks	No. U. S. Gals.	Cu. Ft. and Area in Sq. Ft.	Dia. of Tanks	No. U. S. Gals.	Cu. Ft. and Area in Sq. Ft.	Dia. of Tanks	No. U. S. Gals.	Cu. Ft. and Area in Sq. Ft.
1 ft.	5.87	.785	5 ft. 8 in.	188.66	25.22	19 ft.	2120.90	283.53
1 1 in.	6.89	.922	5 9	194.25	25.97	19 3 in.	2177.10	291.04
1 2	8.	1.069	5 10	199.92	26.73	19 6	2234.	298.65
1 3	9.18	1.227	5 11	205.67	27.49	19 9	2291.70	306.35
1 4	10.44	1.396	6	211.51	28.27	20	2350.10	314.16
1 5	11.79	1.576	6 3	229.50	30.68	20 3	2409.20	322.06
1 6	13.22	1.767	6 6	248.23	33.18	20 6	2469.10	330.06
1 7	14.73	1.969	6 9	267.69	35.78	20 9	2529.60	338.16
1 8	16.32	2.182	7	287.88	38.48	21	2591.	346.36
1 9	17.99	2.405	7 3	308.81	41.28	21 3	2653.	354.66
1 10	19.75	2.640	7 6	330.48	44.18	21 6	2715.80	363.05
1 11	21.58	2.885	7 9	352.88	47.17	21 9	2779.30	371.54
2	23.50	3.142	8	376.01	50.27	22	2843.60	380.13
2 1	25.50	3.409	8 3	399.88	53.46	22 3	2908.60	388.82
2 2	27.58	3.687	8 6	424.48	56.75	22 6	2974.30	397.61
2 3	29.74	3.976	8 9	449.82	60.13	22 9	3040.80	406.49
2 4	31.99	4.276	9	475.89	63.62	23	3108.	415.48
2 5	34.31	4.587	9 3	502.70	67.20	23 3	3175.90	424.56
2 6	36.72	4.909	9 6	530.24	70.88	23 6	3244.60	433.74
2 7	39.21	5.241	9 9	558.51	74.66	23 9	3314.	443.01
2 8	41.78	5.585	10	587.52	78.54	24	3384.10	452.39
2 9	44.43	5.940	10 3	617.26	82.52	24 3	3455.	461.86
2 10	47.16	6.305	10 6	647.74	86.59	24 6	3526.60	471.44
2 11	49.98	6.681	10 9	678.95	90.76	24 9	3597.90	481.11
3	52.88	7.069	11	710.90	95.03	25	3672.	490.87
3 1	55.86	7.467	11 3	743.58	99.40	25 3	3745.80	500.74
3 2	58.92	7.876	11 6	776.99	103.87	25 6	3820.30	510.71
3 3	62.06	8.296	11 9	811.14	108.43	25 9	3895.60	520.77
3 4	65.28	8.727	12	846.03	113.10	26	3971.60	530.93
3 5	68.58	9.168	12 3	881.65	117.86	26 3	4048.40	541.19
3 6	71.97	9.621	12 6	918.	122.72	26 6	4125.90	551.55
3 7	75.44	10.085	12 9	955.09	127.86	26 9	4204.10	562.
3 8	78.99	10.559	13	992.91	132.72	27	4283.	572.66
3 9	82.62	11.045	13 3	1031.50	137.89	27 3	4362.70	583.21
3 10	86.33	11.541	13 6	1070.80	143.14	27 6	4443.10	593.96
3 11	90.13	12.048	13 9	1110.80	148.49	27 9	4524.30	604.81
4	94.	12.566	14	1151.50	153.94	28	4606.20	615.75
4 1	97.96	13.095	14 3	1193.	159.48	28 3	4688.80	626.80
4 2	102.	13.635	14 6	1235.30	165.13	28 6	4772.10	637.94
4 3	106.12	14.186	14 9	1278.20	170.87	28 9	4856.20	649.18
4 4	110.32	14.748	15	1321.90	176.71	29	4941.	660.52
4 5	114.61	15.321	15 3	1366.40	182.65	29 3	5026.60	671.96
4 6	118.97	15.90	15 6	1411.50	188.69	29 6	5112.90	683.49
4 7	123.42	16.50	15 9	1457.40	194.83	29 9	5199.90	695.13
4 8	127.95	17.10	16	1504.10	201.06	30	5287.70	706.86
4 9	132.56	17.72	16 3	1551.40	207.39	30 3	5376.20	718.69
4 10	138.25	18.35	16 6	1599.50	213.82	30 6	5465.40	730.62
4 11	142.02	18.99	16 9	1648.40	220.35	30 9	5555.40	742.64
5	146.88	19.63	17	1697.90	226.98	31	5645.10	754.77
5 1	151.82	20.29	17 3	1748.20	233.71	31 3	5737.50	766.99
5 2	156.83	20.97	17 6	1799.30	240.53	31 6	5829.70	779.31
5 3	161.93	21.65	17 9	1851.10	247.45	31 9	5922.60	791.73
5 4	167.12	22.34	18	1903.60	254.47	32	6016.20	804.25
5 5	172.38	23.04	18 3	1956.80	261.59	32 3	6110.60	816.86
5 6	177.72	23.76	18 6	2010.80	268.80	32 6	6205.70	829.58
5 7	183.15	24.48	18 9	2065.50	276.12	32 9	6301.50	842.39

31½ Gallons equal 1 Barrel.

To find the capacity of tanks greater than the largest given in the table, look in the table for a Tank of one-half of the given size and multiply its capacity by 4, or one of one-third its size and multiply its capacity by 9, etc.

Distributors and Sales Agents
for

WIRE GUARDS AND GRILLES—Acorn
Wire and Iron Works Co., Chicago, Ill.

ELEVATOR DOORS—Security Fire Door
Company, St. Louis, Mo., Simplex Door
Co., St. Louis, Mo.

TIN CLAD AND METAL FIRE DOORS—
F. L. Saino Manufacturing Co., Mem-
phis, Tenn.

**STEEL ROLLING DOORS and SECTION-
FOLD WOOD DOORS**—J. G. Wilson
Corporation, Norfolk, Va.

FENCE—Atlas Fence Co., Philadelphia, Pa.

HOISTS AND TROLLEYS — Chisholm-
Moore Hoist Corp., Tonawanda, N. Y.

ASH HOISTS AND EQUIPMENT—Potts
Ash Hoist Corp., Mechanicsburg, Pa.

**STEEL CASEMENT WINDOWS, STEEL
PIVOTED, PROJECTED AND CON-
TINUOUS W I N D O W S, STEEL
DOORS**—Detroit Steel Products Co.,
Detroit, Mich.

STEEL TOILET PARTITIONS—Milwau-
kee Stamping Co., Milwaukee, Wis.

STAIR TREADS — American Abrasive
Metals Co., Irvington, N. Y.

SUBWAY GRATING—Irving Iron Works,
Long Island City, N. Y.

KALAMEIN DOORS and FRAMES—
Overly Mfg. Co., Greensburg, Pa.

CORRUGATED WIRE GLASS—Pennsyl-
vania Wire Glass Co., Dunbar, Pa.



